

## Mouse anti-Human Caspase 8 (CASP8) Monoclonal Antibody | anti-CASP8 antibody

Monoclonal Antibody to Caspase 8 (CASP8)

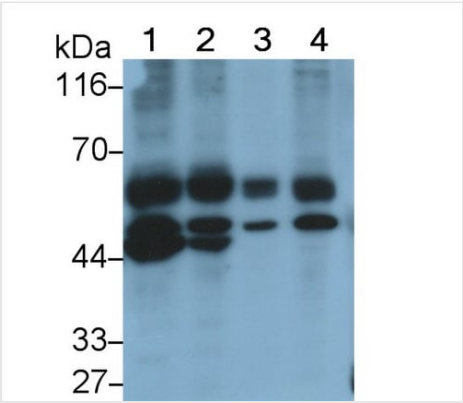
| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                 |
|-----------|-------|------------|------------------------------------------------------------------------------|
| AAA152823 | Mouse | Human      | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

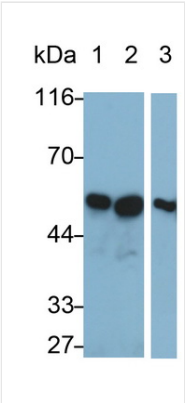
Caspase 8 (CASP8); Monoclonal Antibody; Monoclonal Antibody to Caspase 8 (CASP8); Caspase 8; CAP4; FLICE; MACH; MCH5; CysteinyI Aspartate Specific Proteinases 8; Apoptotic cysteine protease; FADD-homologous ICE/ced-3-like protease; MORT1-associated ced-3 homolog; anti-CASP8 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                                         | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clone Number                                    | C14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity                                     | The antibody is a mouse monoclonal antibody raised against CASP8. It has been selected for its ability to recognize CASP8 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification                             | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                     | Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence Positions                              | Leu7~Asp201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-CASP8 antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                       | Recombinant Caspase 8 (CASP8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.<br>Stable for 12 months if correctly stored.<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |



**WB (Western Blot)**  
Western Blot; Sample: Lane1: HepG2 cell lysate; Lane2: HeLa cell lysate; Lane3: Jurkat cell lysate; Lane4: Raji cell lysate  
Primary Ab: 0.2ug/ml Mouse Anti-human CASP8  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



**WB (Western Blot)**  
Western Blot; Sample: Lane1: HeLa cell lysate; Lane2: HepG2 cell lysate; Lane3: Raji cell lysate  
Primary Ab: 0.2ug/ml Mouse Anti-human CASP8 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

|                                                   |                                                                                 |
|---------------------------------------------------|---------------------------------------------------------------------------------|
| Product Categories/Family for anti-CASP8 antibody | Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction |
|---------------------------------------------------|---------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 122056474                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 841                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_001073593.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001080124.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | Q14790; O14676; Q14791; Q14792; Q14793; Q14794; Q14795; Q14796; Q15780; Q15806; Q53TT5; Q8TDI1                                                                                                                                                                  |
| Molecular Weight                 | 55,391 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | caspase-8 isoform C                                                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | caspase 8, apoptosis-related cysteine peptidase                                                                                                                                                                                                                 |
| NCBI Official Symbol             | CASP8                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | CAP4; MACH; MCH5; FLICE; ALPS2B; Casp-8                                                                                                                                                                                                                         |
| NCBI Protein Information         | caspase-8; FADD-like ICE; MACH-alpha-1/2/3 protein; apoptotic protease Mch-5; MACH-beta-1/2/3/4 protein; apoptotic cysteine protease; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; FADD-homologous ICE/CED-3-like protease; caspase 8, apopto |
| UniProt Protein Name             | Caspase-8                                                                                                                                                                                                                                                       |
| UniProt Gene Name                | CASP8                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | MCH5; CASP-8; FLICE; MACH                                                                                                                                                                                                                                       |
| UniProt Entry Name               | CASP8_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.