

## Mouse anti-Pig Interleukin 6 (IL6) Monoclonal Antibody | anti-IL6 antibody

Monoclonal Antibody to Interleukin 6 (IL6)

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                 |
|-----------|-------|------------|------------------------------------------------------------------------------|
| AAA152862 | Mouse | Pig        | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

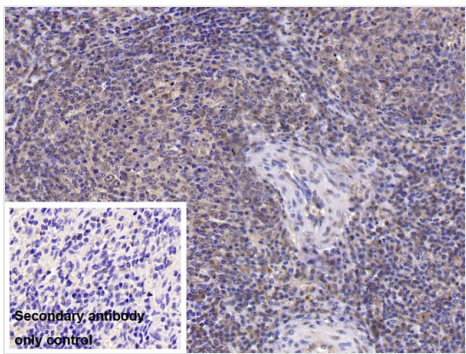
### PRODUCT SYNONYMS

Interleukin 6 (IL6); Monoclonal Antibody; Monoclonal Antibody to Interleukin 6 (IL6); Interleukin 6; MGI2-A; MGI2A; HGF; BSF2; HSF; IFNB2; B-Cell Stimulatory Factor-2; Hybridoma/Plasmacytoma Growth Factor; Hepatocyte Stimulating Factor; Cytotoxic T-Cell Differentiation Factor; anti-IL6 antibody

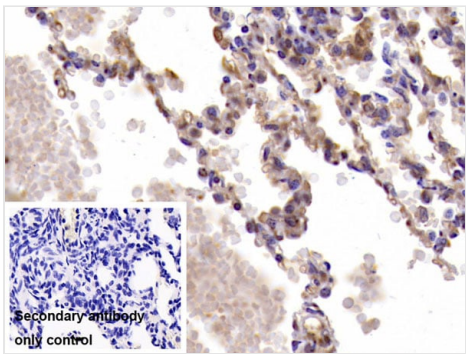
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                    | Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                                       | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clone Number                                  | C7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                                   | The antibody is a mouse monoclonal antibody raised against IL6. It has been selected for its ability to recognize IL6 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                            | Pro29~Met212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-IL6 antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                     | Recombinant Interleukin 6 (IL6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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. |

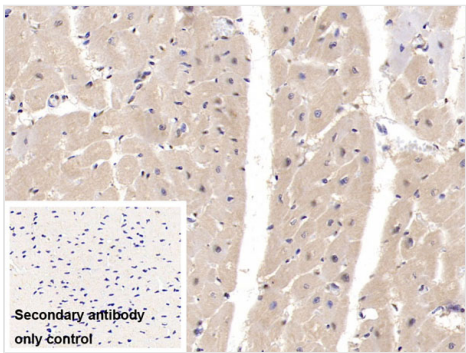
IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Sample: Porcine Spleen Tissue Primary Ab: 40ug/ml Mouse Anti-Porcine IL6 Antibody Control: Used PBS instead of primary antibody Second Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Sample: Porcine Lung Tissue Primary Ab: 40ug/ml Mouse Anti-Porcine IL6 Antibody Control: Used PBS instead of primary antibody Second Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Sample: Porcine Cardiac Muscle Tissue Primary Ab: 40ug/ml Mouse Anti-Porcine IL6 Antibody Control: Used PBS instead of primary antibody Second Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

|                                                 |                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------|
| Product Categories/Family for anti-IL6 antibody | Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Cytokine |
|-------------------------------------------------|----------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                |
|----------------------------|----------------|
| NCBI GI #                  | 21264447       |
| NCBI GeneID                | 100628202      |
| UniProt Accession #        | P26893; Q95KN6 |
| Molecular Weight           | 23,953 Da      |
| NCBI Official Full Name    | Interleukin-6  |
| NCBI Official Symbol       | IL-6           |
| NCBI Protein Information   | interleukin-6  |
| UniProt Protein Name       | Interleukin-6  |
| UniProt Gene Name          | IL6            |
| UniProt Synonym Gene Names | IL-6           |

**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.

