

## GRB2 recombinant antibody

GRB2 Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA244008</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

GRB2; Monoclonal Recombinant Antibody; GRB2 Antibody; Growth factor receptor-bound protein 2 (Adapter protein GRB2) (Protein Ash) (SH2/SH3 adapter GRB2); ASH; GRB2 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                          |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                                   |
| Reactivity                                            | Human, Mouse, Rat                                                                                        |
| Clonality                                             | Monoclonal                                                                                               |
| Isotype                                               | Rabbit IgG                                                                                               |
| Clone Number                                          | 6E1                                                                                                      |
| Purity/Purification                                   | Affinity-chromatography                                                                                  |
| Form/Format                                           | Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for GRB2 recombinant antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                     |
| Antibody Type                                         | Recombinant Antibody                                                                                     |
| Conjugation                                           | Non-conjugated                                                                                           |
| Immunogen                                             | A synthesized peptide derived from human GRB2                                                            |
| Preparation and Storage                               | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                              |

### IMAGES



#### IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



#### WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, Mouse Brain whole cell lysate, Rat Brain whole cell lysateAll lanes: GRB2 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 26, 21 kDaObserved band size: 28 kDa

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                           |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for GRB2 recombinant antibody | Adapter protein that provides a critical link between cell surface growth factor receptors and the Ras signaling pathway. |
| Product Categories/Family for GRB2 recombinant antibody   | Cancer; <a href="#">Signal transduction</a>                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504111                                                                                                                                                                                                |
| NCBI GeneID                      | 2885                                                                                                                                                                                                   |
| NCBI Accession #                 | NP_002077.1                                                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_002086.4                                                                                                                                                                                            |
| UniProt Accession #              | P62993; P29354; Q14450; Q63057; Q63059                                                                                                                                                                 |
| Molecular Weight                 | 25,206 Da                                                                                                                                                                                              |
| NCBI Official Full Name          | growth factor receptor-bound protein 2 isoform 1                                                                                                                                                       |
| NCBI Official Synonym Full Names | growth factor receptor-bound protein 2                                                                                                                                                                 |
| NCBI Official Symbol             | GRB2                                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | ASH; Grb3-3; MST084; NCKAP2; MSTP084; EGFRBP-GRB2                                                                                                                                                      |
| NCBI Protein Information         | growth factor receptor-bound protein 2; HT027; protein Ash; SH2/SH3 adapter GRB2; abundant SRC homology; growth factor receptor-bound protein 3; epidermal growth factor receptor-binding protein GRB2 |
| UniProt Protein Name             | Growth factor receptor-bound protein 2                                                                                                                                                                 |
| UniProt Gene Name                | <b>GRB2</b>                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | ASH                                                                                                                                                                                                    |
| UniProt Entry Name               | GRB2_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/grb2-recombinant-antibody-clone-6e1-immunohistochemistry-western-blot-elisa/244008>