

Rabbit GRB2 Polyclonal Antibody | anti-GRB2 antibody

GRB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312124	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

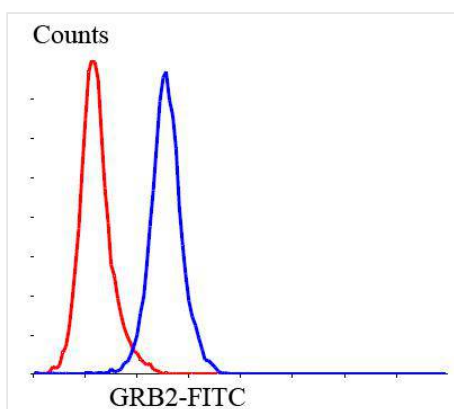
PRODUCT SYNONYMS

GRB2; Polyclonal Antibody; GRB2 Antibody; Abundant SRC homology antibody; Adapter protein GRB2 antibody; ASH antibody; Ash protein antibody; EGFRBP GRB2 antibody; Epidermal growth factor receptor binding protein antibody; Epidermal growth factor receptor binding protein GRB2 antibody; GRB 2 antibody; GRB2 adapter protein antibody; Grb2 antibody; GRB2_HUMAN antibody; Grb3 3 antibody; Growth factor receptor bound protein 2 antibody; Growth factor receptor bound protein 3 antibody; Growth factor receptor-bound protein 2 antibody; HT027 antibody; MST084 antibody; MSTP084 antibody; NCKAP2 antibody; OTTHUMP00000166096 antibody; OTTHUMP00000166097 antibody; OTTHUMP00000166098 antibody; Protein ash antibody; SEM5 antibody; SH2/SH3 adapter GRB2 antibody; anti-GRB2 antibody

PRODUCT SPECIFICATIONS

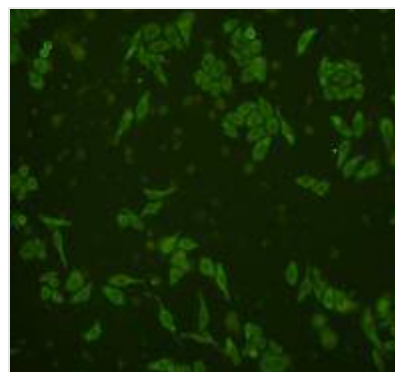
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GRB2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



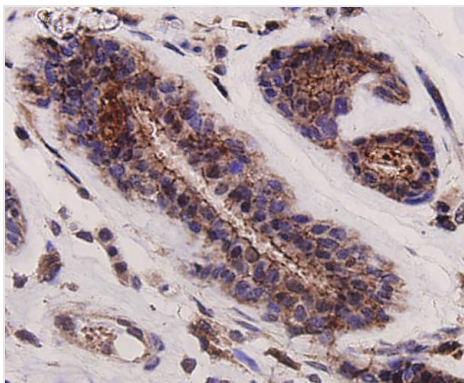
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SHG-44 cells with GRB2 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



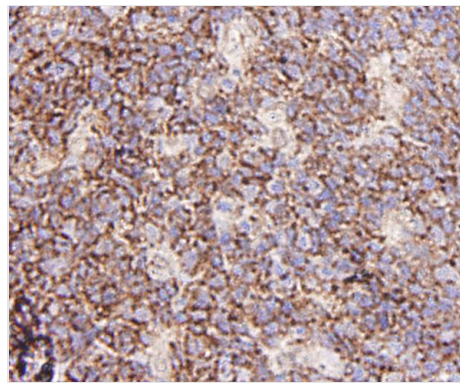
ICC (Immunocytochemistry)

ICC staining GRB2 in HepG2 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



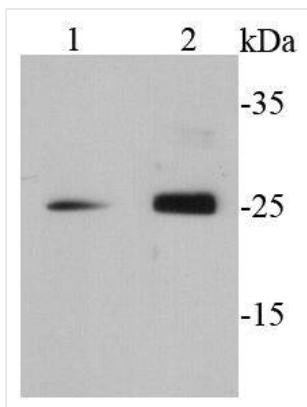
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-GRB2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-GRB2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of GRB2 on different cell lysates using anti-GRB2 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GRB2 antibody

Grb2 is widely expressed and is essential for multiple cellular functions. Inhibition of Grb2 function impairs developmental processes in various organisms and blocks transformation and proliferation of various cell types, and so it is not surprising that a targeted gene disruption of Grb2 in mouse is lethal at an early embryonic stage. Grb2 is best known for its ability to link the epidermal growth factor receptor tyrosine kinase to the activation of Ras and its downstream kinases, ERK1, 2. Grb2 is composed of an SH2 domain flanked on each side by an SH3 domain. Grb2 has two closely related proteins with similar domain organizations, Gads and Grap. Gads and Grap are expressed specifically in hematopoietic cells and function in the coordination of tyrosine kinase mediated signal transduction. The SH2 domain of Grb2 binds to phosphorylated tyrosine-containing peptides on receptors or scaffold proteins with a preference for pY-X-N-X, where X is generally a hydrophobic residue such as valine.

Product Categories/Family for anti-GRB2 antibody

Total protein Ab

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	GRB2
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://www.aaabiotech.com/polyclonal/grb2-antibody-flow-cytometry-immunohistochemistry-immunocytochemistry-western-blot-elisa/312124>