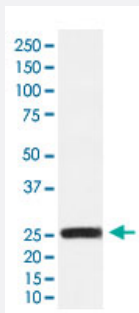


GRB2 monoclonal antibody, clone ADGO-7

Catalog # MAB22034

Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HEK293 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human GRB2.
Immunogen	A synthetic peptide corresponding to human GRB2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat GRB2, in native form and recombinant. Superfamily members of GRB2 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunofluorescence (1:50-200) Immunocytochemistry (1:50-200) Immunoprecipitation (1:50) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HEK293 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — GRB2

Entrez GeneID	2885
Protein Accession#	P62993
Gene Name	GRB2
Gene Alias	ASH, EGFRBP-GRB2, Grb3-3, MST084, MSTP084
Gene Description	growth factor receptor-bound protein 2
Omim ID	108355
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of <i>C.elegans</i> , which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

HT027|OTTHUMP00000166096|OTTHUMP00000166097|OTTHUMP00000166098|abundant SRC homology|epidermal growth factor receptor-binding protein GRB2|growth factor receptor-bound protein 3

Pathway

- [Acute myeloid leukemia](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Dorso-ventral axis formation](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Glioma](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Renal cell carcinoma](#)

- [T cell receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)