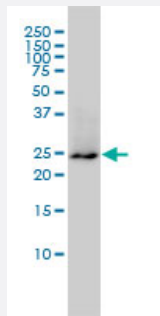


GRB2 monoclonal antibody (M01A), clone 4C6-H6

Catalog # H00002885-M01A

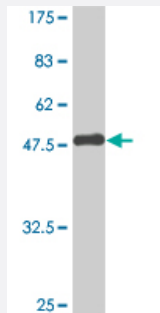
Size 200 uL

Applications



Western Blot (Cell lysate)

GRB2 monoclonal antibody (M01A), clone 4C6-H6 Western Blot analysis of GRB2 expression in HL-60 (Cat # L014V1).



Western Blot detection against Immunogen (49.61 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant GRB2.

Immunogen

GRB2 (AAH00631, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MEAIKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIKPNYEMKPHPWFFGKIP
RAKAEEMLSKQRHDGAFLIRESESAPGDFSLSVKFGNDVQHFVLRDAGAGKYFLWVVKFNSLN
ELVDYHRSTSVSRNQQIFLRDIEQVPQQPTYVQALFDFDPQEDGELGFRRGDFIHVMDNSDPNW
WKGACHGQTGMFPRNVVTPVNRNV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (99); Rat (100)
Isotype	IgM kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.61 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GRB2 monoclonal antibody (M01A), clone 4C6-H6 Western Blot analysis of GRB2 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GRB2

Entrez GeneID	2885
GeneBank Accession#	BC000631
Protein Accession#	AAH00631
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 *C.elegans*, 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](#)