

RecomAb™

GRB2 recombinant monoclonal antibody, clone SAIC-19D-1F4

Catalog # RAB03499

Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human GRB2.
Antibody Species	Mouse
Immunogen	Original antibody is raised against peptide "FGNDVQHFK", derived from the Growth factor receptor-bound protein 2, conjugated to KLH.
Reactivity	Human
Form	Liquid
Isotype	IgG1 kappa
Recommend Usage	Immuno-MRM (multiple reaction monitoring) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immuno-MRM (multiple reaction monitoring)

Gene Info — GRB2

Entrez GeneID

[2885](#)

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](#)