

Product datasheet for TA346955

GRB2 Mouse Monoclonal Antibody [Clone ID: 5G3-E7-F11]

Product data:

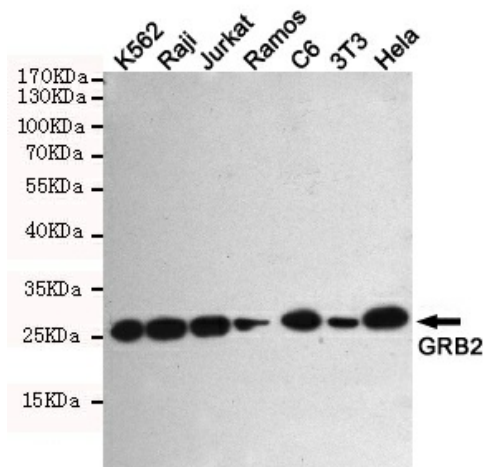
Product Type:	Primary Antibodies
Clone Name:	5G3-E7-F11
Applications:	WB
Recommend Dilution:	WB: 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for GRB2 antibody: Recombinant protein of human GRB2.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Purification:	Affinity purified
Predicted Protein Size:	25 kDa
Gene Name:	growth factor receptor bound protein 2
Database Link:	NP_002077 Entrez Gene 14784 Mouse Entrez Gene 81504 Rat Entrez Gene 2885 Human
Background:	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.
Synonyms:	ASH; EGFRBP-GRB2; Grb3-3; MST084; MSTP084; NCKAP2
Protein Families:	Druggable Genome



[View online »](#)

Protein Pathways:

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

Product images:

Western blot detection of GRB2 in K562, Raji, Jurkat, Ramos, C6, 3T3 and HeLa cell lysates using GRB2 mouse mAb (1:1000 diluted). Predicted band size: 25KDa. Observed band size: 25KDa.