RGS2 mouse mAb

Catalog No	BYmab-18096
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RGS2 G0S8 GIG31
Protein Name	Regulator of G-protein signaling 2 (RGS2) (Cell growth-inhibiting gene 31 protein) (G0/G1 switch regulatory protein 8)
Immunogen	Synthesized peptide derived from human RGS2
Specificity	This antibody detects endogenous levels of RGS2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	23kD
Cell Pathway	[Isoform 1]: Cell membrane . Cytoplasm . Nucleus, nucleolus .; [Isoform 2]: Cell membrane . Cytoplasm . Nucleus, nucleolus .; [Isoform 3]: Cell membrane . Cytoplasm . Nucleus, nucleolus .; [Isoform 4]: Cell membrane . Mitochondrion .
Tissue Specificity	Expressed in acute myelogenous leukemia (AML) and in acute lymphoblastic leukemia (ALL).
Function	Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form . It is involved in the negative regulation of the angiotensin-activated signaling pathway . Plays a role in the regulation of blood pressure in response to signaling via G protein-coupled receptors and GNAQ. Plays a role in regulating the constriction and relaxation of vascular smooth muscle (By similarity). Binds EIF2B5 and blocks its activity, thereby inhibiting the translation of mRNA into protein .

Background

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images