



RGS2 mouse mAb

Catalog No	YP-mAb-18096
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RGS2 G0S8 GIG31
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	G0S8;GOS8;GIG31;G0/G1 switch regulatory protein 8;Cell growth-inhibiting gene 31 protein;RGS2;RGS2 G0S8 GIG31;Regulator of G-protein signaling 2 (RGS2) (Cell growth-inhibiting gene 31 protein) (G0/G1 switch regulatory protein 8)
Observed Band	24-30 kDa
Calculated Molecular Weight	24 kDa
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

