



GRP4 mouse mAb

Catalog No	YP-mAb-10070
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RASGRP4
Immunogen	Synthesized peptide derived from human GRP4 AA range: 487-537
Specificity	This antibody detects endogenous levels of human GRP4
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	Glycine rich protein;GRP;LSM 4;LSM4 homolog;LSM4 homolog U6 small nuclear RNA associated (S. cerevisiae);LSM4 homolog U6 small nuclear RNA associated;U6 small nuclear RNA associated;U6 snRNA associated Sm like protein 4;U6 snRNA associated Sm like protein;U6 snRNA associated Sm like protein LSM 4;U6 snRNA associated Sm like protein LSM4;YER 112W;YER112W;GRP4;RASGRP4;RAS guanyl-releasing protein 4
Observed Band	15kD
Calculated Molecular Weight	15 kDa
Cell Pathway	Cytoplasm. Cell membrane. Recruited to membranes upon activation by DAG.
Tissue Specificity	Expressed by mast cells and their progenitors (at protein level). Specifically expressed in mononuclear leukocytes. Highly expressed in myeloid cells compared to lymphoid cells. Also detected in heart, skeletal muscle, spleen, liver, placenta and lung. Not detected in brain. Isoform 1 is the major isoform in normal individuals. Isoform 2 is more significantly expressed in a patient with asthma. Isoform 3 is more significantly expressed in a patient with asthma and a mastocytosis patient.
Function	



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