



Reticulocalbin 3 Mouse mAb

Catalog No	YP-mAb-18725
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RCN3 UNQ239/PRO272
Immunogen	Synthesized peptide derived from human Reticulocalbin 3
Specificity	This antibody detects endogenous levels of Reticulocalbin 3 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
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	RCN3;Reticulocalbin 3;RLP49;RCN3 UNQ239/PRO272;Reticulocalbin-3 (EF-hand calcium-binding protein RLP49)
Observed Band	45 kDa
Calculated Molecular Weight	37 kDa
Cell Pathway	Endoplasmic reticulum lumen .
Tissue Specificity	Widely expressed.
Function	Probable molecular chaperone assisting protein biosynthesis and transport in the endoplasmic reticulum . Required for the proper biosynthesis and transport of pulmonary surfactant-associated protein A/SP-A, pulmonary surfactant-associated protein D/SP-D and the lipid transporter ABCA3 (By similarity). By regulating both the proper expression and the degradation through the endoplasmic reticulum-associated protein degradation pathway of these proteins plays a crucial role in pulmonary surfactant homeostasis (By similarity). Has an anti-fibrotic activity by negatively regulating the secretion of type I and type III collagens . This calcium-binding protein also transiently associates with immature PCSK6 and regulates its secretion .



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