



SRPR mouse mAb

Catalog No	YP-mAb-18245
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SRPR
Immunogen	Synthesized peptide derived from human SRPR
Specificity	This antibody detects endogenous levels of SRPR at Human, Mouse
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	Docking protein alpha;DP;DP alpha;SR alpha;Sralpha;SRP alpha;SRPR;SRPR alpha;SRPRA;Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha)
Observed Band	65-70 kDa
Calculated Molecular Weight	638 aa, 70 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Thought to be anchored in the membrane through an interaction with SR-beta, which contains a bona fide transmembrane domain. .
Tissue Specificity	
Function	Component of the signal recognition particle (SRP) complex receptor (SR) . Ensures, in conjunction with the SRP complex, the correct targeting of the nascent secretory proteins to the endoplasmic reticulum membrane system . Forms a guanosine 5'-triphosphate (GTP)-dependent complex with the SRP subunit SRP54 . SRP receptor compaction and GTPase rearrangement drive SRP-mediated cotranslational protein translocation into the ER .
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