STRA6 mouse mAb

Catalog No	YP-mAb-17961
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	STRA6 PP14296 UNQ3126/PRO10282/PRO19578
Protein Name	Stimulated by retinoic acid gene 6 protein homolog
Immunogen	Synthesized peptide derived from human STRA6
Specificity	This antibody detects endogenous levels of STRA6 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	
Observed Band	73kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . In the retinal pigment epithelium localizes to the basolateral membrane. .
Tissue Specificity	Broad expression. In adult eye expressed in sclera, retina, retinal pigment epithelium, and trabecular meshwork but not in choroid and iris.
Function	Functions as retinol transporter. Accepts all-trans retinol from the extracellular retinol-binding protein RBP4, facilitates retinol transport across the cell membrane, and then transfers retinol to the cytoplasmic retinol-binding protein RBP1 . Retinol uptake is enhanced by LRAT, an enzyme that converts retinol to all-trans retinyl esters, the storage forms of vitamin A . Contributes to the activation of a signaling cascade that depends on retinol transport and LRAT-dependent generation of retinol metabolites that then trigger activation of JAK2 and its target STAT5, and ultimately increase the expression of SOCS3 and inhibit cellular responses to insulin . Important for the homeostasis of vitamin A and its derivatives, such as retinoic acid . STRA6-mediated transport is particularly important in the eye, and under conditions of dietary vitamin A deficiency (Probable). Does not transpo
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.

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