



# STRA6 mouse mAb

<b>Catalog No</b>	BYmab-17961
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	STRA6 PP14296 UNQ3126/PRO10282/PRO19578
<b>Protein Name</b>	Stimulated by retinoic acid gene 6 protein homolog
<b>Immunogen</b>	Synthesized peptide derived from human STRA6
<b>Specificity</b>	This antibody detects endogenous levels of STRA6 at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	73kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein . In the retinal pigment epithelium localizes to the basolateral membrane. .
<b>Tissue Specificity</b>	Broad expression. In adult eye expressed in sclera, retina, retinal pigment epithelium, and trabecular meshwork but not in choroid and iris.
<b>Function</b>	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

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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.

## Products Images

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