



# S7A14 mouse mAb

<b>Catalog No</b>	BYmab-08226
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	SLC7A14 KIAA1613
<b>Protein Name</b>	S7A14
<b>Immunogen</b>	Synthesized peptide derived from human S7A14 AA range: 50-100
<b>Specificity</b>	This antibody detects endogenous levels of S7A14 at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.341% 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>	Probable cationic amino acid transporter (Solute carrier family 7 member 14)
<b>Observed Band</b>	85kD
<b>Cell Pathway</b>	Lysosome membrane ; Multi-pass membrane protein . Exhibits a punctated pattern in the cytoplasm, which partially overlaps with lysosomes.
<b>Tissue Specificity</b>	Expressed in skin fibroblasts.
<b>Function</b>	sequence caution:Translated as Glu.,similarity:Belongs to the amino acid-polyamine-organocation (APC) superfamily. Cationic amino acid transporter (CAT) (TC 2.A.3.3) family.,
<b>Background</b>	This gene is predicted to encode a glycosylated, cationic amino acid transporter protein with 14 transmembrane domains. This gene is primarily expressed in skin fibroblasts, neural tissue, and primary endothelial cells and its protein is predicted to mediate lysosomal uptake of cationic amino acids. Mutations in this gene are associated with autosomal recessive retinitis pigmentosa. In mice, this gene is expressed in the photoreceptor layer of the retina where its expression increases over the course of retinal development and persists in the mature retina. [provided by RefSeq, Apr 2014],

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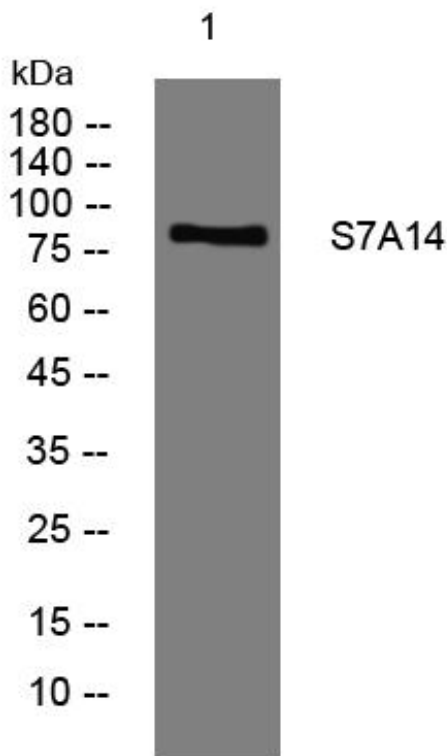
**matters needing attention**

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



Western Blot analysis of various cells using S7A14 mouse mAb

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