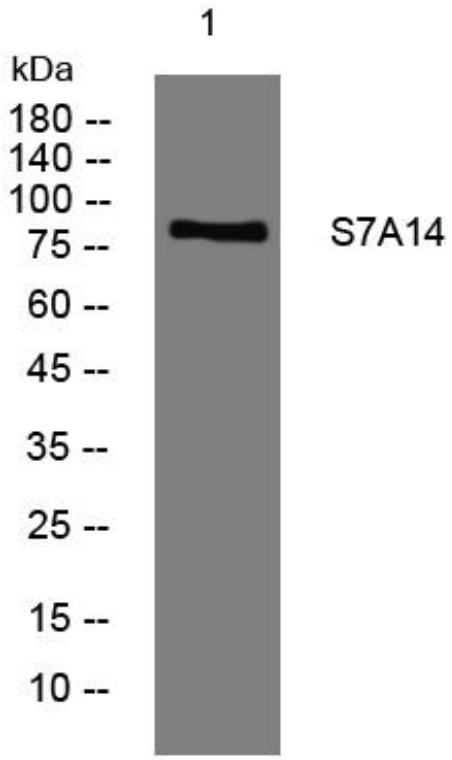
S7A14 mouse mAb

Catalog No	YP-mAb-08226
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SLC7A14 KIAA1613
Protein Name	S7A14
Immunogen	Synthesized peptide derived from human S7A14 AA range: 50-100
Specificity	This antibody detects endogenous levels of S7A14 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.341% 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	Probable cationic amino acid transporter (Solute carrier family 7 member 14)
Observed Band	85kD
Cell Pathway	Lysosome membrane ; Multi-pass membrane protein . Exhibits a punctated pattern in the cytoplasm, which partially ovelaps with lysosomes.
Tissue Specificity	Expressed in skin fibroblasts.
Function	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.,
Background	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],
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