



SLC7A6 Mouse mAb

Catalog No	YP-mAb-18503
Isotype	IgG
Reactivity	Human, Mouse
Applications	WB
Gene Name	SLC7A6 KIAA0245
Protein Name	Y+L amino acid transporter 2 (Cationic amino acid transporter, y+ system) (Solute carrier family 7 member 6) (y(+)-L-type amino acid transporter 2) (Y+LAT2) (y+LAT-2)
Immunogen	Synthesized peptide derived from human SLC7A6
Specificity	This antibody detects endogenous levels of SLC7A6 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	57kD
Cell Pathway	Basolateral cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in normal fibroblasts and those from LPI patients. Also expressed in HUVECs, monocytes, RPE cells, and various carcinoma cell lines.
Function	Involved in the sodium-independent uptake of dibasic amino acids and sodium-dependent uptake of some neutral amino acids. Requires coexpression with SLC3A2/4F2hc to mediate the uptake of arginine, leucine and glutamine. Also acts as an arginine/glutamine exchanger, following an antiport mechanism for amino acid transport, influencing arginine release in exchange for extracellular amino acids. Plays a role in nitric oxide synthesis in human umbilical vein endothelial cells (HUVECs) via transport of L-arginine. Involved in the transport of L-arginine in monocytes. Reduces uptake of ornithine in retinal pigment epithelial (RPE) cells.
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