



# S23A1 mouse mAb

<b>Catalog No</b>	BYmab-10958
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	SLC23A1 SVCT1 YSPL3
<b>Protein Name</b>	S23A1
<b>Immunogen</b>	Synthesized peptide derived from human S23A1 AA range: 237-287
<b>Specificity</b>	This antibody detects endogenous levels of S23A1 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>	
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Highly expressed in adult small intestine, kidney, thymus, ovary, colon, prostate and liver, and in fetal kidney, liver and thymus.
<b>Function</b>	alternative products:Experimental confirmation may be lacking for some isoforms,function:Sodium/ascorbate cotransporter. Mediates electrogenic uptake of vitamin C, with a stoichiometry of 2 Na(+) for each ascorbate.,miscellaneous:Treatment with the protein kinase C stimulator PMA results in a 10-fold decrease in ascorbate accumulation in transfected cells.,PTM:Phosphorylated.,similarity:Belongs to the xanthine/uracil permease family. SLC23A subfamily.,tissue specificity:Highly expressed in adult small intestine, kidney, thymus, ovary, colon, prostate and liver, and in fetal kidney, liver and thymus.,
<b>Background</b>	The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. This gene encodes one of the two

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transporters. The encoded protein is active in bulk vitamin C transport involving epithelial surfaces. Previously, this gene had an official symbol of SLC23A2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008],

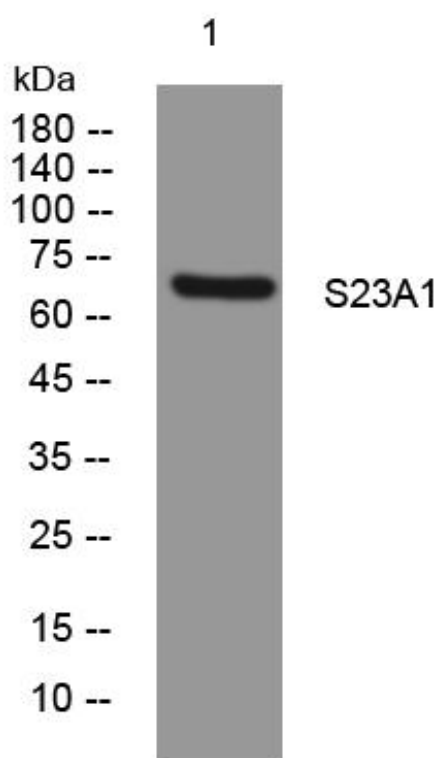
**matters needing attention**

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 S23A1 mouse mAb

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