



SLC40A1 mouse mAb

Catalog No	YP-mAb-17948
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC40A1 FPN1 IREG1 SLC11A3 MSTP079
Protein Name	Solute carrier family 40 member 1 (Ferroportin-1) (Iron-regulated transporter 1)
Immunogen	Synthesized peptide derived from human SLC40A1. AA range 1-100
Specificity	This antibody detects endogenous levels of SLC40A1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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	
Observed Band	63kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Localized to the basolateral membrane of polarized epithelial cells.
Tissue Specificity	Detected in erythrocytes (at protein level). Expressed in placenta, intestine, muscle and spleen.
Function	Major iron transporter that plays a key role in balancing cellular and systemic iron levels . Transports iron from intestinal, splenic, and hepatic cells into the blood to provide iron to other tissues (By similarity). Controls therefore dietary iron uptake, iron recycling by macrophages, and release of iron stores in hepatocytes (By similarity). When iron is in excess, hepcidin/HAMP levels increase resulting in a degradation of ferroportin/SLC40A1 limiting the iron efflux to plasma .
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

