



LANCL1 Mouse mAb

Catalog No	YP-mAb-18627
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LANCL1 GPR69A
Immunogen	Synthesized peptide derived from human LANCL1
Specificity	This antibody detects endogenous levels of LANCL1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:40000; IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LanC-like protein 1;LanC like protein 1;GPR69A;Glutathione S-transferase LANCL1;EC:2.5.1.18;LANCL1 GPR69A;LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40)
Observed Band	40 kDa
Calculated Molecular Weight	399 aa, 45 kDa
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein .
Tissue Specificity	Detected in erythrocytes, brain, kidney, testis, ovary, heart, lung, placenta and spleen (at protein level). Ubiquitous. Strongly expressed in brain, spinal cord, pituitary gland, kidney, heart, skeletal muscle, pancreas, ovary and testis.
Function	Functions as glutathione transferase. Catalyzes conjugation of the glutathione (GSH) to artificial substrates 1-chloro-2,4-dinitrobenzene (CDNB) and p-nitrophenyl acetate. Mitigates neuronal oxidative stress during normal postnatal development and in response to oxidative stresses probably through GSH antioxidant defense mechanism (By similarity). May play a role in EPS8 signaling. Binds glutathione .
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