



TRP1 mouse mAb

Catalog No	YP-mAb-18080
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TYRP1 CAS2 TYRP TYRRP
Protein Name	5,6-dihydroxyindole-2-carboxylic acid oxidase (DHICA oxidase) (EC 1.14.18.-) (Catalase B) (Glycoprotein 75) (Melanoma antigen gp75) (Tyrosinase-related protein 1) (TRP) (TRP-1) (TRP1)
Immunogen	Synthesized peptide derived from human TRP1
Specificity	This antibody detects endogenous levels of TRP1 at Human, Mouse
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	59kD
Cell Pathway	Melanosome membrane ; Single-pass type I membrane protein . Melanosome . Located to mature stage III and IV melanosomes and apposed endosomal tubular membranes. Transported to pigmented melanosomes by the BLOC-1 complex. Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38. .
Tissue Specificity	Pigment cells.
Function	Plays a role in melanin biosynthesis . Catalyzes the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid in the presence of bound Cu(2+) ions, but not in the presence of Zn(2+) . May regulate or influence the type of melanin synthesized . Also to a lower extent, caMABLE of hydroxylating tyrosine and producing melanin (By similarity).
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