



PANX1 mouse mAb

Catalog No	YP-mAb-17273
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PANX1 MRS1 UNQ2529/PRO6028
Immunogen	Synthesized peptide derived from human C-terminal PANX1
Specificity	This antibody detects endogenous levels of PANX1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse,Monoclonal
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	pannexin 1;OZEMA7;OOMD7;MRS1;Innexin;PANX1;PANX1 MRS1 UNQ2529/PRO6028;Pannexin-1
Observed Band	45-50 kDa, 90 kDa
Calculated Molecular Weight	426 aa, 48 kDa
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cell junction, gap junction . Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Widely expressed (PubMed:30918116). Highest expression is observed in oocytes and brain (PubMed:30918116). Detected at very low levels in sperm cells (PubMed:30918116).
Function	Structural component of the gap junctions and the hemichannels involved in the ATP release and nucleotide permeation . May play a role as a Ca(2+)-leak channel to regulate ER Ca(2+) homeostasis . Plays a critical role in oogenesis .
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