

For Research Use Only

PANX1 Monoclonal antibody, PBS Only

Catalog Number: 68873-5-PBS



Basic Information

Catalog Number: 68873-5-PBS	GenBank Accession Number: BC016931	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 24145	CloneNo.: 3G4B10
Source: Mouse	UNIPROT ID: Q96RD7	
Isotype: IgG2a	Full Name: pannexin 1	
Immunogen Catalog Number: AG33689	Calculated MW: 426 aa, 48 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

PANX1, also named as MRS1, belongs to the pannexin family. It plays a role as a Ca²⁺-leak channel to regulate ER Ca²⁺ homeostasis. It is a structural component of the gap junctions and the hemichannels. PANX1 induced the formation of intercellular channels with characteristics of gap junctions. PANX1 is 48-kDa protein which contains 4 transmembrane domains and cytoplasmic N and C termini. It is a mediator of find-me signal/nucleotide release from apoptotic cells.

Storage

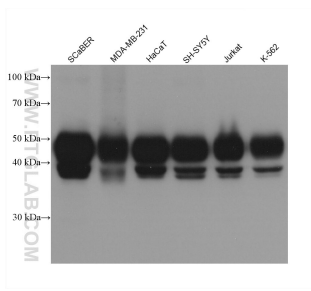
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

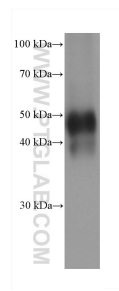
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68873-5-Ig (PAX1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68873-5-PBS in a different storage buffer formulation.



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 68873-5-Ig (PAX1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68873-5-PBS in a different storage buffer formulation.