

For Research Use Only

NUP62 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66573-1-PBS



Basic Information

Catalog Number: 66573-1-PBS	GenBank Accession Number: BC014842	Purification Method: Protein G purification
Source: Mouse	GeneID (NCBI): 23636	CloneNo.: 2G12B3
Isotype: IgG1	UNIPROT ID: P37198	
Immunogen Catalog Number: AG4912	Full Name: nucleoporin 62kDa	
	Calculated MW: 522 aa, 53 kDa	
	Observed MW: 62 kDa	

Applications

Tested Applications:
WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. The N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein-protein interaction via coiled-coil formation and may function in anchorage of p62 to the pore complex. Defects in NUP62 are the cause of infantile striatonigral degeneration (SNDI). NUP62 consists of a single promoter with a CpG island and three transcribed exons. It is ubiquitously expressed, an observation compatible with its essential role in transporting cargo across the nuclear envelope. (PMID:16029492)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

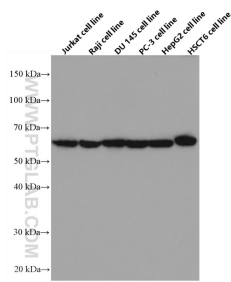
T: 4006900926

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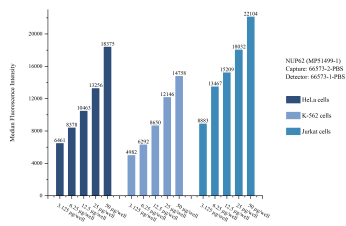
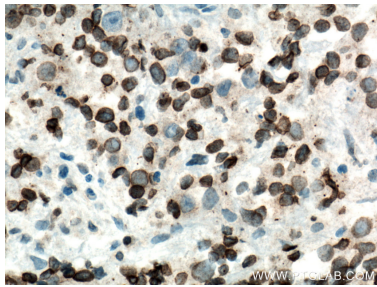
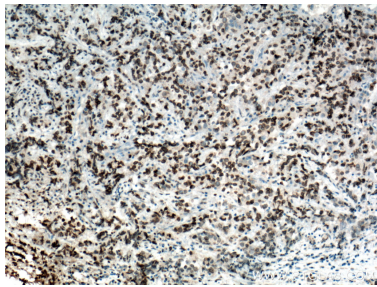
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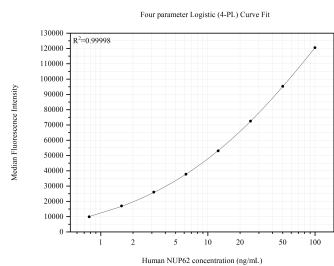
Selected Validation Data



Various cells were subjected to SDS PAGE followed by western blot with 66573-1-Ig (NUP62 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66573-1-PBS in a different storage buffer formulation.



Cytometric bead array sample test of MP51499-1, NUP62 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66573-2-PBS. Detection antibody: 66573-1-PBS.



Cytometric bead array standard curve of MP51499-1, NUP62 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66573-2-PBS. Detection antibody: 66573-1-PBS. Standard:Ag4912. Range: 0.781-100 ng/mL.