

For Research Use Only

NUMBL Monoclonal antibody, PBS Only



Catalog Number: 66155-1-PBS

Basic Information

Catalog Number: 66155-1-PBS	GenBank Accession Number: BC001794	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9253	CloneNo.: 5F6E1
Source: Mouse	UNIPROT ID: Q9Y6R0	
Isotype: IgG2a	Full Name: numb homolog (Drosophila)-like	
Immunogen Catalog Number: AG16771	Calculated MW: 65 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Numbl (also known as numbl like or Nbl), as a conserved homolog of Drosophila Numb, is specifically expressed in the brain. Numbl is a cytoplasm protein and has redundant functions in embryonic neurogenesis. It plays an important role in ependymal wall integrity and subventricular zone neuroblast survival. However, its expression and function in the central nervous system lesion are still unclear.

Storage

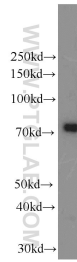
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

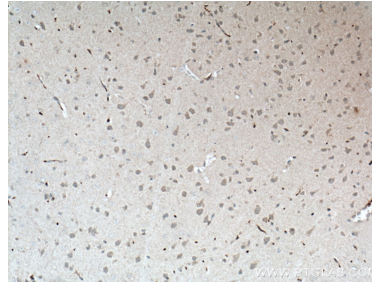
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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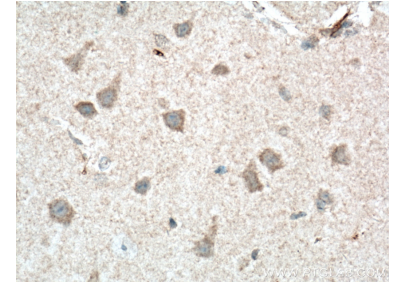
Selected Validation Data



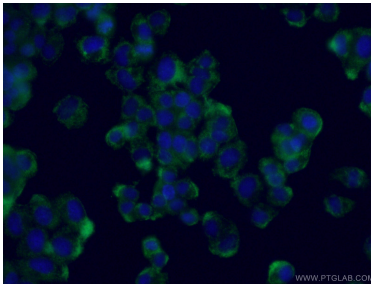
L02 cells were subjected to SDS PAGE followed by western blot with 66155-1-Ig (NUMBL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66155-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66155-1-Ig (NUMBL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66155-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66155-1-Ig (NUMBL antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66155-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed PC-12 cells using 66155-1-Ig (NUMBL antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66155-1-PBS in a different storage buffer formulation.