

For Research Use Only

PHOX2B Monoclonal antibody, PBS Only



Catalog Number: 66254-1-PBS

Basic Information

Catalog Number: 66254-1-PBS	GenBank Accession Number: BC017199	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8929	CloneNo.: 1F5F5
Source: Mouse	UNIPROT ID: Q99453	
Isotype: IgG2a	Full Name: paired-like homeobox 2b	
Immunogen Catalog Number: AG13196	Calculated MW: 31 kDa	
	Observed MW: 32-36 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Paired mesoderm homeobox protein 2B (PHOX2B), also named as Neuroblastoma Phox, is a 314 amino acid protein, which contains one homeobox DNA-binding domain and belongs to the paired homeobox family. PHOX2B localizes in the nucleus and is expressed in neuroblastoma, brain and adrenal gland. PHOX2B plays a role in the development of several major noradrenergic neuron populations, including the locus coeruleus. PHOX2B has an association with congenital central hypoventilation syndrome.

Storage

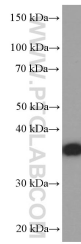
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

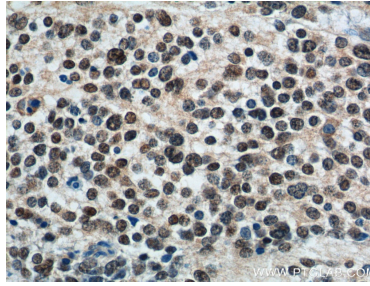
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

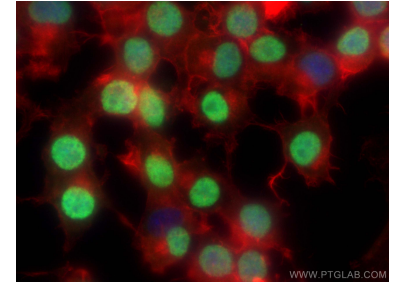
Selected Validation Data



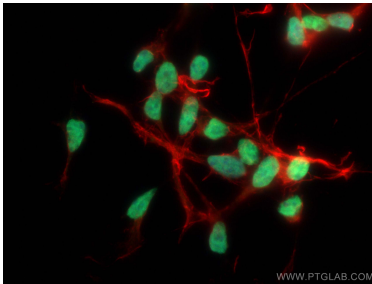
Neuro-2a cells were subjected to SDS PAGE followed by western blot with 66254-1-Ig (PHOX2B Antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66254-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded neuroblastoma tissue slide using 66254-1-Ig (PHOX2B antibody) at dilution of 1:300 (under 40x lens). This data was developed using the same antibody clone with 66254-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PHOX2B antibody (66254-1-Ig, Clone: 1F5F5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 66254-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using PHOX2B antibody (66254-1-Ig, Clone: 1F5F5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 66254-1-PBS in a different storage buffer formulation.