

For Research Use Only

CoraLite® Plus 488-conjugated PHOX2B Polyclonal antibody



Catalog Number: **CL488-25276**

Basic Information

Catalog Number: CL488-25276	GenBank Accession Number: BC017199	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 8929	Recommended Dilutions: IF 1:300-1:1200
Source: Rabbit	UNIPROT ID: Q99453	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: paired-like homeobox 2b	
Immunogen Catalog Number: AG13196	Calculated MW: 31 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF : SH-SY5Y cells,
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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

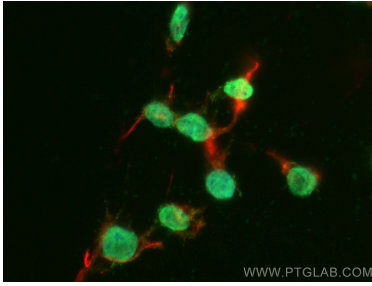
T: 4006900926

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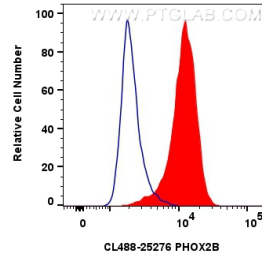
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using Coralite® Plus 488 PHOX2B antibody (CL488-25276) at dilution of 1:600, CL594-phalloidin (red).



1x10⁶ Neuro-2a cells were intracellularly stained with 0.4 ug Coralite® Plus 488-conjugated PHOX2B Polyclonal antibody (CL488-25276)(red), or 0.4 ug Coralite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).