

Datasheet for ABIN7605939 **anti-PHOX2B antibody**



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Overview

Quantity:	100 µL
Target:	PHOX2B
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PHOX2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PHOX2B Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human PHOX2B Involved in the development of several major noradrenergic neuron populations, including the locus coeruleus. Transcription factor which could determine a neurotransmitter phenotype in vertebrates. Enhances second-messenger-mediated activation of the dopamine beta-hydrolase and c-fos promoters, and of several enhancers including cAMP-response element and serum-response element.
Clone:	AEFG-16
Isotype:	IgG
Characteristics:	Anti-PHOX2B Monoclonal Antibody (ABIN7605939). Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.
Purification:	Affinity-chromatography

Target Details

Target:	PHOX2B
Alternative Name:	PHOX2B (PHOX2B Products)
Background:	Synonyms: CD276 antigen,4Ig-B7-H3,B7 homolog 3,B7-H3,Costimulatory molecule,CD276,CD276,B7H3,PSEC0249, UNQ309/PRO352, Tissue Specificity: Ubiquitous but not detectable in peripheral blood lymphocytes or granulocytes. Weakly expressed in resting monocytes. Expressed in dendritic cells derived from monocytes. Expressed in epithelial cells of sinonasal tissue. Expressed in extravillous trophoblast cells and Hofbauer cells of the first trimester placenta and term placenta. .
Molecular Weight:	90 kDa
UniProt:	Q99453

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:500 ICC/IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.