

DATASHEET

PHOX2B Rabbit Monoclonal Antibody(ARB527)

CAT. NO. ARB6819

KEY FEATURES

Target	PHOX2B	Clonality	Monoclonal
Clone ID	ARB527	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Paired - like homeobox 2B (PHOX2B) is a transcription factor located on chromosome 4p13 which is crucial to the formation of autonomic ganglia in the autonomic nervous system (ANS). The PHOX2B gene is strictly expressed in neural crest derivatives committed to the noradrenergic phenotype. The PHOX2B gene encodes a paired - like homeo - domain transcription factor with an extra - axial expression pattern restricted to the ANS. Neuroblasts of peripheral neuroblastic tumors are derived from the sympathoadrenal lineage, a division of the ANS. PHOX2B has been observed in peripheral neuroblastic tumors, neuroblastomas, paragangliomas, ganglioneuroblastomas, ganglioneuromas and pheochromocytomas. PHOX2B has been reported to be negative in other small round blue cell tumors.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

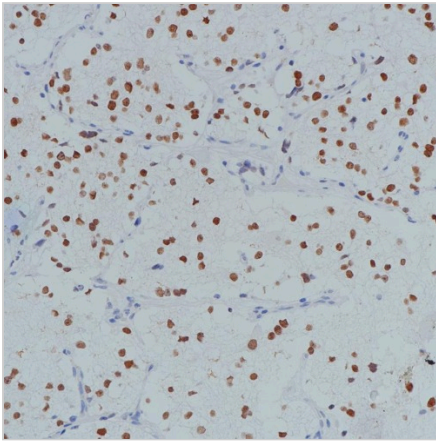
Predicted Molecular Wt	32 kDa
Purity	ProA affinity purified IgG
Subcellular location	Nucleus
Swissprot ID	Q99453
Immunogen	Synthetic peptide residues in human PHOX2B
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18° C-25° C) for 30 minutes.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**PHOX2B Rabbit Monoclonal Antibody(ARB527)**

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DATA

Immunohistochemical staining of human neuroblastoma tissue sections using PHOX2B Rabbit Monoclonal Antibody (ARB527).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com