

DATASHEET

PGP 9.5 Mouse Monoclonal Antibody (ARM553)

CAT. NO. ARM6843

KEY FEATURES

Target	PGP 9.5	Clone ID	ARM553
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Protein Gene Product 9.5 (PGP 9.5), also known as Ubiquitin Carboxyl-terminal Hydrolase-1 (UCHL-1), is a protein expressed in neurons and neuroendocrine cells, as well as in distal renal tubular epithelium, spermatogonia, Leydig cells, oocytes, melanocytes, prostatic secretory epithelium, ejaculatory duct cells, epididymis, mammary epithelial cells, Merkel cells, and dermal fibroblasts. PGP 9.5 is an immunohistochemical marker for cellular neurothekeoma, a benign lesion that is typically confined to the skin and superficial dermis. Anti-PGP 9.5 is also used to stain mesenchymal neoplasms, and tumours of neuroendocrine and neuroectodermal origin.

APPLICATION

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

Application	IHC
Dilution Ratio	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG2b
Positive Control	Nerve Tissue, Brain
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	UCHL1
Entrez Gene ID	7345
Uniprot	P09936
Alternative Names	UCH-L1, Ubiquitin carboxyl-terminal hydrolase L1

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

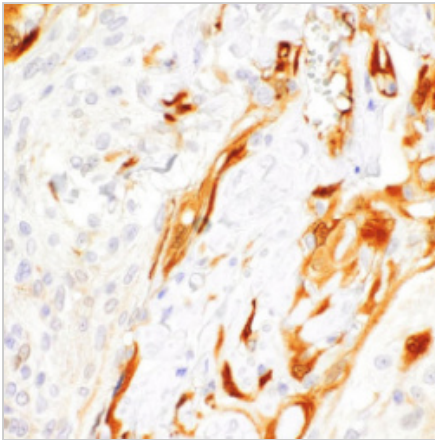
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

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

DATA

Immunohistochemical staining of human brain tissue using PGP 9.5 Mouse Monoclonal Antibody (ARM553).

RESEARCH USE ONLY

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

More information: www.arexbio.com/pgp-9.5-mouse-monoclonal-antibody-arm553-arm6843