

## Product Datasheet

### PGP9.5 / UCHL1 antibody (orb2276378)

<b>Catalog Number</b>	orb2276378
<b>Category</b>	Antibodies
<b>Description</b>	PGP9.5 / UCHL1 antibody validated for immunohistochemistry on 76 different Normal Tissues
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant full-length human UCHL1 protein
<b>UniProt ID</b>	<b>P09936</b>
<b>Tested applications</b>	IHC
<b>Dilution range</b>	1:100-1:200
<b>Application notes</b>	Positive Control: Pancreas: Islets cells and interspersed nerve fibres should show strong PGP9.5 staining. Negative Control: Pancreas: Acinar cells and excretory ducts should not show any PGP9.5 immunostaining. Cellular Localization: Cytoplasmic. Endoplasmic Reticulum membrane Protocol Recommendations: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

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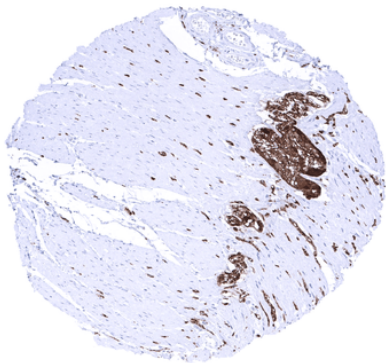
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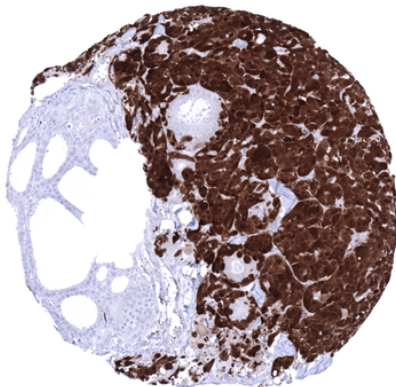
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<b>Clone Number</b>	MSVA-905R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Colon descendes muscular wall Strong PGP9.5 immunostaining of nerve fibres and ganglions in the muscular wall of the colon descencens.



Medullary thyroid cancer showing strong PGP9.5 immunostaining.

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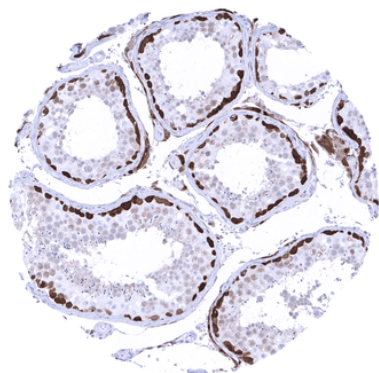
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Testis - In the testis, a strong PGP9.5 immunostaining is seen in spermatogonia. PGP9.5 staining decreases sharply in spermatocytes where it is only faint. A moderate PGP9.5 staining is seen in Leydig cells while Sertoli cells remain PGP9.5 negative.

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