

PGP9.5 Monoclonal Antibody (10A1)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	10A1
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to full length human protein gene product 9.5 molecule
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	tissue culture supernatant
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10983276

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:10	-

Product Specific Information

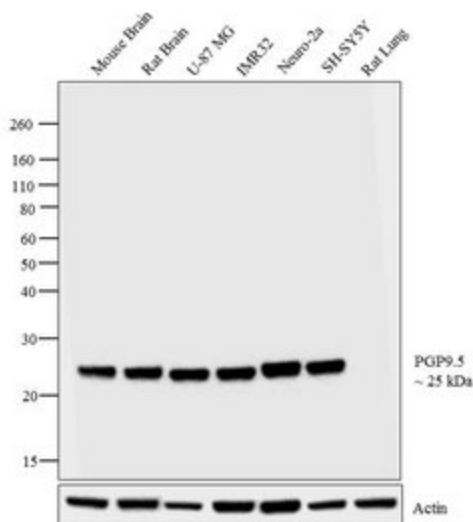
MA5-12371 targets PGP9.5 in IHC (P) applications and shows reactivity with Human samples.

The MA5-12371 immunogen is recombinant protein corresponding to full length human protein gene product 9.5 molecule.

Advanced Verification Data

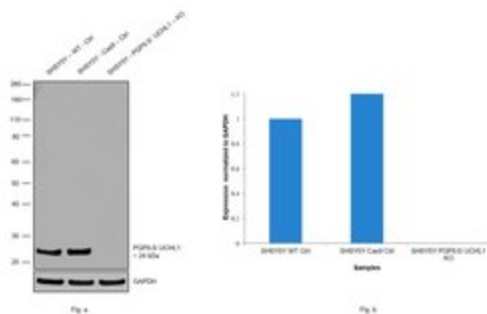
PGP9.5 Antibody (MA5-12371)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models and tissues owing to their inherent genetic constitution. Relative expression of PGP9.5 was observed in tissue extracts of Mouse Brain, Rat Brain, Rat Lung and membrane enriched extracts (30 µg lysate) of U-87 MG, IMR32, Neuro-2a and SH-SY5Y in Western Blot using PGP9.5 Monoclonal Antibody (Product # MA5-12371). PGP9.5 is reported to be expressed in brain (Mouse Brain, Rat Brain, U-87 MG, IMR32, Neuro-2a and SH-SY5Y) and not in other tissues like lung. Relative expression validation info.

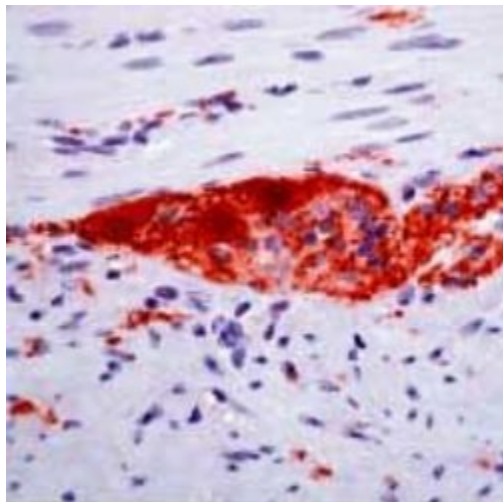


PGP9.5 Antibody (MA5-12371)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in PGP9.5/ UCHL1 (KO) cell line compared to control cell line using Anti-PGP9.5/ UCHL1 Monoclonal Antibody (Product # MA5-12371). Knockout validation info.



Product Images For PGP9.5 Monoclonal Antibody (10A1)



PGP9.5 Antibody (MA5-12371) in IHC

Formalin-fixed, paraffin-embedded human small intestine stained with PGP9.5 antibody using peroxidase-conjugate and AEC. Note staining of nerve cells.

View more figures on thermofisher.com

Immunohistochemistry (1)

Ultrastructural pathology

Sensory innervation of the female human umbilical skin: morphological studies.

"MA5-12371 was used in immunohistochemistry to study the morphology of sensory innervation in human umbilical skin"

Authors: Saad El-Dien HM, Abdelwahed Hussein MR, El-Oteify M

Species
Human

Dilution
1:10

Year
2013

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.