

Mouse anti-Human, Mouse PDPN / Podoplanin Monoclonal Antibody | anti-PDPN antibody

Mouse Monoclonal [clone 5E2] (IgG2b,k) to Human PDPN / Podoplanin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51836	Mouse	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

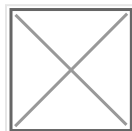
PRODUCT SYNONYMS

PDPN / Podoplanin; Monoclonal Antibody; Mouse Monoclonal [clone 5E2] (IgG2b; k) to Human PDPN / Podoplanin; Anti-PDPN / Podoplanin Antibody (aa1-206; clone 5E2) IHC-plus; PDPN; AGGRUS; HT1alpha-1; Glycoprotein 36; Glycoprotein; 36-KD; gp36; gp38; OTS8; PA2.26; PA2.26 antigen; Podoplanin; T1A; gp40; HT1A-1; HT1alpha-2; T1-alpha; T1A-2; Human PDPN; anti-PDPN antibody

PRODUCT SPECIFICATIONS

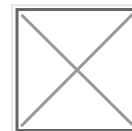
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	5E2
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	238
Applicable Applications for anti-PDPN antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human PDPN (1-206aa) purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	PDPN / Podoplanin antibody was raised against recombinant human PDPN (1-206aa) purified from E Coli.
Antigen Modification	aa1-206
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

The extracts of mouse kidney (50 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human PDPN (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IHC (Immunohistochemistry)

Anti-Podoplanin antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792056
NCBI GeneID	10630
NCBI Accession #	NP_006465.3
NCBI GenBank Nucleotide #	NM_006474.4
UniProt Accession #	Q86YL7; O60836; O95128; Q7L375; Q8NBQ8; Q8NBR3; A9Z1Y2; B2R6J8; E9PB68; F6QWX5
Molecular Weight	12,421 Da
NCBI Official Full Name	podoplanin isoform a
NCBI Official Synonym Full Names	podoplanin
NCBI Official Symbol	PDPN
NCBI Official Synonym Symbols	T1A; GP36; GP40; Gp38; OTS8; T1A2; T11A; T1A-2; AGGRUS; HT1A-1; PA2.26
NCBI Protein Information	podoplanin; PDPN; T1-alpha; hT1alpha-1; hT1alpha-2; PA2.26 antigen; glycoprotein 36; glycoprotein, 36-KD; lung type I cell membrane associated glycoprotein; lung type-I cell membrane-associated glycoprotein (T1A-2)
UniProt Protein Name	Podoplanin
UniProt Gene Name	PDPN
UniProt Synonym Gene Names	Gp36; T1A
UniProt Entry Name	PDPN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdpn-podoplanin-antibody-clone-5e2-western-blot-immunohistochemistry-elisa/51836>