

PDPN recombinant antibody

PDPN Recombinant Monoclonal Antibody

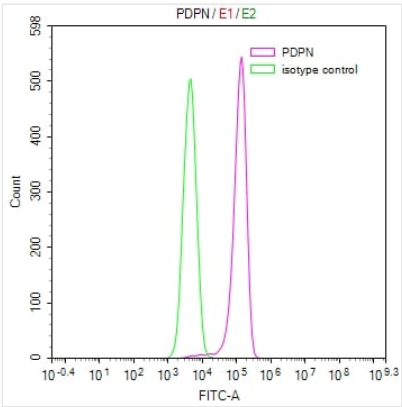
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279161	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PDPN; Monoclonal Recombinant Antibody; PDPN Recombinant Monoclonal Antibody; Aggrus; Glycoprotein 36 KD; Glycoprotein 36; gp 36; GP 38; GP 40; gp36; GP38; GP40; HT1A 1; HT1A1; hT1alpha 1; hT1alpha 2; hT1alpha1; hT1alpha2; Lung type I cell membrane associated glycoprotein; Lung type I cell membrane associated glycoprotein isoform a; Lung type I cell membrane associated glycoprotein T1A 2; OTS 8; OTS8; OTTHUMP00000009640; OTTHUMP00000044504; PA2.26; PA2.26 antigen; Pdpn; PDPN_HUMAN; Podoplanin; PSEC0003; PSEC0025; T1 alpha; T1 ALPHA GENE; T1-alpha; T1A 2; T1A; T1A1; TIA 2; TIA2; PDPN recombinant antibody

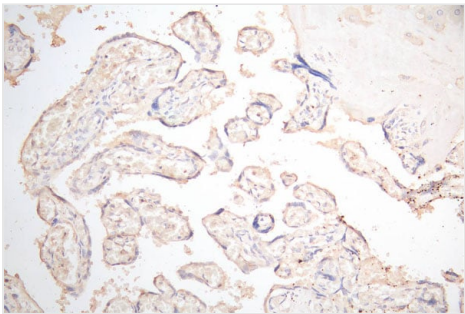
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG
Clone Number	34B4
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for PDPN recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human PDPN protein
Conjugation	Non-conjugated
Research Area	Cardiovascular; Tags & Cell Markers
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



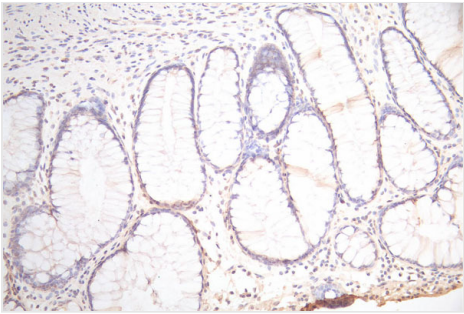
FCM/FACS (Flow Cytometry)

Overlay Peak curve showing 293 cells stained with AAA279161 (red line) at 1:100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,026 events was performed.



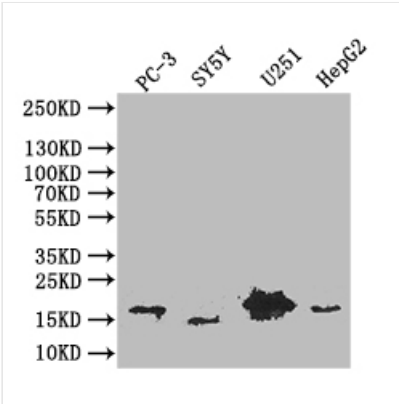
IHC (Immunohistochemistry)

IHC image of AAA279161 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279161 diluted at 1:300 and staining in paraffin-embedded human colorectal cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: PC-3 whole cell lysate, SY5Y whole cell lysate, U251 whole cell lysate, HepG2 whole cell lysateAll lanes: PDPN antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 17 kDaObserved band size: 17 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792062
NCBI GeneID	10630
NCBI Accession #	NP_001006626.1
NCBI GenBank Nucleotide #	NM_001006625.1
UniProt Accession #	Q86YL7; O60836; O95128; Q7L375; Q8NBQ8; Q8NBR3; A9Z1Y2; B2R6J8; E9PB68; F6QWX5
Molecular Weight	16,698 Da
NCBI Official Full Name	podoplanin isoform d
NCBI Official Synonym Full Names	podoplanin
NCBI Official Symbol	PDPN
NCBI Official Synonym Symbols	T1A; GP36; GP40; Gp38; OTS8; T1A-2; AGGRUS; HT1A-1; PA2.26

NCBI Protein Information	podoplanin; 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; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdpn-recombinant-antibody-clone-34b4-flow-cytometry-immunohistochemistry-western-blot-elisa/279161>