Product Datasheet

Podoplanin Antibody (PMab-1) - Chimeric - Azide and BSA Free

NBP3-11971-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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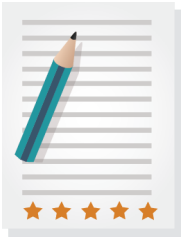
Updated 9/9/2025 v.20.1



NBP3-11971-0.2mg

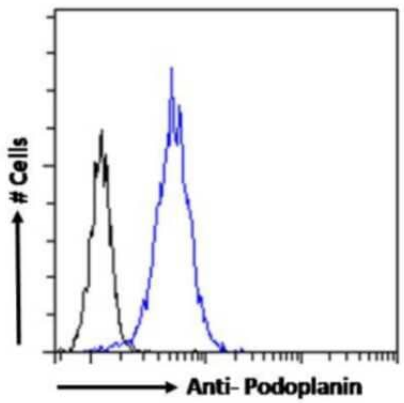
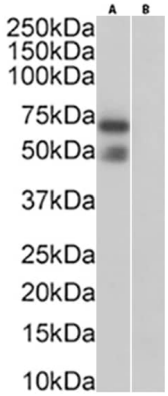
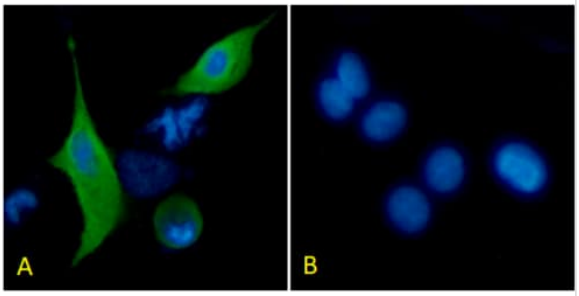
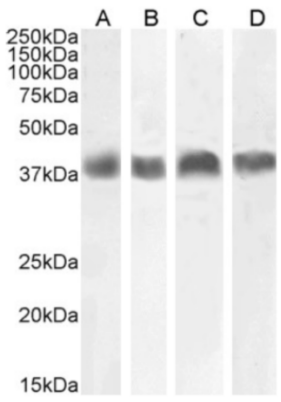
Podoplanin Antibody (PMab-1) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	PMab-1
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Podoplanin Antibody (PMab-1) - Chimeric - Azide and BSA Free (NBP3-11971) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10630
Gene Symbol	PDPN
Species	Mouse
Specificity/Sensitivity	This antibody is specific for amino acids 38-51 (GDGMVPPGIEDKIT) of the platelet-aggregation-stimulating (PLAG) domain of mouse podoplanin (PDPN). This antibody, therefore, possesses high affinity and specificity for the MAP epitope tag (GDGMVPPGIEDK), which is derived from the PLAG domain of murine podoplanin.
Immunogen	This antibody was raised by immunising rats with 14-residue synthetic peptide mpp3851, which corresponds to amino acids 38-51 (GDGMVPPGIEDKIT) of the platelet-aggregation-stimulating (PLAG) domain of mouse podoplanin. Spleen cells were then harvested, and fused to P3U1 cells to generate stable hybridomas.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original rat format, for improved compatibility with existing reagents, assays and techniques.

Images

Flow Cytometry: Podoplanin Antibody (PMab-1) - Chimeric [NBP3-11971] - NIH3T3 cells were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG-chimeric version of PMab-1 (NBP3-11971, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.	
Western Blot: Podoplanin Antibody (PMab-1) - Chimeric - Azide and BSA Free [NBP3-11971] - Podoplanin (MAP tag) expressing plasmid transfected (A) and non-transfected (B) HEK293 cells lysate (3ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with NBP3-11971 at 0.00001ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.	
Immunocytochemistry /Immunofluorescence: Podoplanin Antibody (PMab-1) - Chimeric - Azide and BSA Free [NBP3-11971] - Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells transfected with Podoplanin (MAP tag) expressing plasmid (A) and non-transfected HEK293 cells (B), permeabilized with 0.15% Triton stained with NBP3-11971 (1:200 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue).	
Western Blot: Podoplanin Antibody (PMab-1) - Chimeric - Azide and BSA Free [NBP3-11971] - Mouse thymus (A), mouse brain (B), NIH3T3 cells (C) and mouse kidney (D) lysates (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with NBP3-11971 at 0.01 ug/ml, 0.1 ug/ml, 0.001 ug/ml and 0.003 ug/ml, respectively, before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.	

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Products Related to NBP3-11971-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBC1-18511	Recombinant Human Podoplanin His Protein

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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