

Product Datasheet

CD133 Antibody [PE] NB120-16518PE

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB120-16518PE

CD133 Antibody [PE]

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	PE
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Rabbit
Gene ID	8842
Gene Symbol	PROM1
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	porcine reactivity reported in scientific literature (PMID: 29352176).
Marker	Stem Cell Marker
Specificity/Sensitivity	CD133 - Hematopoietic Stem Cell Marker
Immunogen	Synthetic peptide corresponding to a C-terminal region of CD133 (within amino acids 750-865).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation (ChIP)

Images

CD133 Antibody [PE] [NB120-16518PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



Publications

Xiang Y, Zhou Z, Zhu L et al. Omentin-1 Enhances the Inhibitory Effect of Endothelial Progenitor Cells on Neointimal Hyperplasia by Inhibiting the P38 MAPK/CREB Pathway SSRN 2023-03-10 [PMID: 37652153] (FLOW, Rat)

Zhou L, Yang T, Zhao F Et al. Effect of uncultured adipose-derived stromal vascular fraction on preventing urethral stricture formation in rats Sci Rep 2022-03-05 [PMID: 35246575] (FLOW, Rat)

Details:

Citation using the PE version of this antibody.

Xiang Y, Zhou Z, Zhu L et al. Omentin-1 Enhances the Inhibition of Endothelial Progenitor Cells on Neointimal Hyperplasia via Inhibiting p38 MAPK/CREB Pathway SSRN Electronic Journal 2022-02-24 (FLOW, Rat)

Zhao F, Zhou L, Liu J et al. Construction of a vascularized bladder with autologous adipose-derived stromal vascular fraction cells combined with bladder acellular matrix via tissue engineering J Tissue Eng. 2019-11-29 [PMID: 31827758] (FLOW, Rat)

Details:

Citation used the PE format of this antibody.





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Products Related to NB120-16518PE

NBP2-24983	Rabbit IgG Isotype Control [PE]
NBP2-44250PEP	CD133 Antibody Blocking Peptide
DVE00	VEGF [HRP]
NBP2-44249PEP	CD133 Antibody Blocking Peptide

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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