

Product Datasheet

CD34 Antibody (EP373Y) NBP1-44407

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-44407**CD34 Antibody (EP373Y)**

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EP373Y
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	59% PBS (pH 7.2), 0.05% BSA and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	947
Gene Symbol	CD34
Species	Human, Mouse, Rat, Canine, Sheep
Reactivity Notes	Reacts with: Loxodonta Africana (African bush elephant).
Marker	Hematopoietic Stem Cell Marker
Immunogen	ynthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human CD34 aa 350 to the C-terminus (C terminal). The exact sequence is proprietary.
Notes	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000-100000, Flow Cytometry 1:60, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1: 100-250, Immunoprecipitation 1:40, Immunohistochemistry-Paraffin 1:500-1000
Application Notes	Although theoretical MW is 41 kDa, due to heavy glycosylation, in Western blot this antibody detects a band at approximately 120 kDa.

Publications

- Hassanzadeh H, Matin MM, Naderi-Meshkin H et al. Using paracrine effects of Ad-MSCs on keratinocyte cultivation and fabrication of epidermal sheets for improving clinical applications Cell Tissue Bank 2018-08-13 [PMID: 30105667] (FLOW, Human)
- Hasmmim Meriem, Bruno Stefania, Azzi Sandy et al. Isolation and characterization of renal cancer stem cells from patient-derived xenografts. Oncotarget 2016-01-01 [PMID: 26551931] (ICC, Mouse)
- Chen X. Argyrin F therapy attenuates carcinogenesis of pancreatic adenocarcinoma (PDAC). Thesis. (IHC-P, Human)
- Mathivanan I, Trepp C, Brunold C et al. Retinal differentiation of human bone marrow-derived stem cells by co-culture with retinal pigment epithelium in vitro Exp. Cell Res. 2015-04-10 [PMID: 25724900] (ICC/IF, Human)





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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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