

Product Datasheet

CD31/PECAM-1 Antibody (C31.3) - IHC-Prediluted NBP2-44334

Unit Size: 7 ml

Store at 4C.

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NBP2-44334**CD31/PECAM-1 Antibody (C31.3) - IHC-Prediluted**

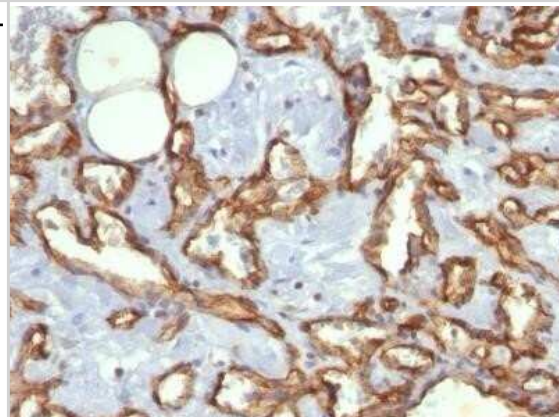
Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	C31.3
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	82.5 kDa

Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	5175
Gene Symbol	PECAM1
Species	Human
Reactivity Notes	Weakly reacts with Rat.
Marker	Endothelial Cell Marker
Specificity/Sensitivity	CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experimental studies as well as for bone marrow transplantation. Anti-CD31 has shown to be highly specific and sensitive for vascular endothelial cells. Staining of nonvascular tumors (excluding hematopoietic neoplasms) is rare. CD31 monoclonal antibody reacts with normal, benign, and malignant endothelial cells which make up blood vessel lining. The level of CD31 expression can help to determine the degree of tumor angiogenesis, and a high level of CD31 expression may imply a rapidly growing tumor and potentially a predictor of tumor recurrence.
Immunogen	Recombinant full-length human CD31/PECAM-1 protein (Uniprot: P16284)

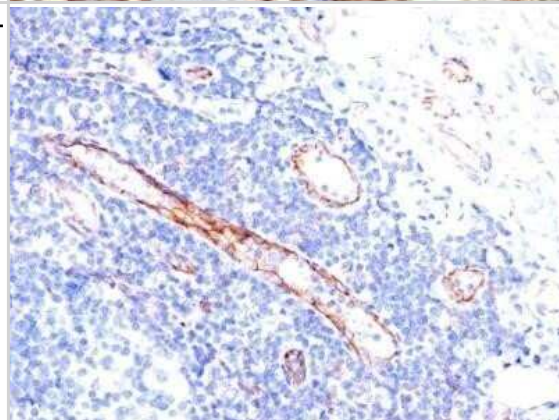
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Immunohistochemistry-Frozen
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: CD31/PECAM-1 Antibody (C31.3) - IHC-Prediluted [NBP2-44334] - Analysis using Azide/BSA FREE version of CD31/PECAM-1 Antibody (C31.3) - IHC-Prediluted. Formalin-paraffin human Angiosarcoma stained with CD31 MAb (C31.3).



Immunohistochemistry-Paraffin: CD31/PECAM-1 Antibody (C31.3) - IHC-Prediluted [NBP2-44334] - Analysis using the Azide and BSA Free version of CD31/PECAM-1 Antibody (C31.3) - IHC-Prediluted. Staining of human tonsil stained with CD31 MAb (C31.3).





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Products Related to NBP2-44334

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-54655PEP	CD31/PECAM-1 Recombinant Protein Antigen

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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