

Product Datasheet

CD31/PECAM-1 Antibody (CO.3E1D4) [Allophycocyanin] NB100-65900APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-65900APC

CD31/PECAM-1 Antibody (CO.3E1D4) [Allophycocyanin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CO.3E1D4
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	82.5 kDa
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	Mouse
Gene ID	5175
Gene Symbol	PECAM1
Species	Sheep
Reactivity Notes	Use in Equine reported in scientific literature (PMID:33536069).
Specificity/Sensitivity	NB100-65900 is specific for ovine CD31, also known as PECAM-1. Ovine CD31 is predominantly expressed by peripheral blood platelets and a small percentage of lymphocytes. CD31 is also highly expressed by ovine endothelial cells.
Immunogen	Ovine leucocytes
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

CD31/PECAM-1 Antibody (CO.3E-1D4) [Allophycocyanin] [NB100-65900APC] - Vial of APC conjugated antibody. APC is optimally excited at 650 nm by the Red laser (633 or 640 nm) and has an emission maximum of 660 nm.



Allophycocyanin (APC)

LASER (nm)	FILTER
Red (633,640)	660/10

EXCITATION MAX (nm)	EMISSION MAX (nm)
650	660

Publications

Bourebaba L, Kornicka-Garbowska K, Al Naem M et al MSI-1436 improves EMS adipose derived progenitor stem cells in the course of adipogenic differentiation through modulation of ER stress, apoptosis, and oxidative stress Stem Cell Res Ther 2021-02-04 [PMID: 33536069] (FLOW, Equine)

Details:

Citation using the Allophycocyanin version of this antibody.



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Products Related to NB100-65900APC

IC003A	Mouse IgG2a Isotype Control (20102) [Allophycocyanin]
NBP2-54655PEP	CD31/PECAM-1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
3628-PC-050	CD31/PECAM-1 [Unconjugated]

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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