

Product Datasheet

CD31/PECAM-1 Antibody (TLD-3A12) [Alexa Fluor® 647] NB100-64796AF647

Unit Size: 0.25 ml

Store at 4C in the dark.

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NB100-64796AF647

CD31/PECAM-1 Antibody (TLD-3A12) [Alexa Fluor® 647]

Product Information	
Unit Size	0.25 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	TLD-3A12
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	82.5 kDa

Product Description	
Host	Mouse
Gene ID	5175
Gene Symbol	PECAM1
Species	Rat
Reactivity Notes	Cross-reacts with Rhesus Monkey, Pig. Mouse reactivity reported in scientific literature (PMID: 28237322). Human reactivity reported in scientific literature (PMID: 30140962). Rabbit reactivity reported in scientific literature (PMID: 30387227). Rat reactivity reported in scientific literature (PMID:33222901).
Immunogen	Activated, Lewis rat derived microglial cells
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . 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.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin



Recommended Dilutions	Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

CD31/PECAM-1 Antibody (TLD-3A12) [Alexa Fluor® 647] [NB100-64796AF647] - Vial of Alexa Fluor 647 conjugated antibody. Alexa Fluor 647 is optimally excited at 653 nm by the Red laser (633 or 640 nm) and has an emission maximum of 669 nm.



Publications

Boscolo Sesillo F, Wong M, Cortez A, Alperin M. Isolation of muscle stem cells from rat skeletal muscles Stem Cell Research 2020-03-01 [PMID: 31931473]



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Products Related to NB100-64796AF647

NBP1-97005AF647	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]
NB100-64796AF700	CD31/PECAM-1 Antibody (TLD-3A12) [Alexa Fluor® 700]
NBP2-54655PEP	CD31/PECAM-1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [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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