# **Product Datasheet**

# CD31/PECAM-1 Antibody (MEC13.3) [Alexa Fluor® 488] NB600-1475AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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# NB600-1475AF488

CD31/PECAM-1 Antibody (MEC13.3) [Alexa Fluor® 488]

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Concentration Please see the vial label for concentration. If unlisted please contact technical services.  Storage Store at 4C in the dark.  Clonality Monoclonal  Clone MEC13.3  Preservative 0.05% Sodium Azide  Isotype IgG2a Kappa  Conjugate Alexa Fluor 488  Purity Protein G purified  Buffer 50mM Sodium Borate  Target Molecular Weight 82.5 kDa  Product Description  Host Rat  Gene ID 5175  Gene Symbol PECAM1  Species Human, Mouse  Reactivity Notes Mouse (PMID: 7956830) and Human (PMID: 30626719) reactivity reported in scientific literature.  Immunogen This CD31/PECAM1 Antibody (MEC13.3) was developed against mouse endothelial cell line T-end.  Notes Alexa Fluor (R) products are provided under an intellectual property license fror Life Technologies Corporation. The purchased product conveys to the buyer the non-transferable right to use the purchased product accomponents 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 conveys only include, but is not limited to use of the product or or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials made using the product or its components. or any materials	Product Information				
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Clone   MEC13.3     Preservative   0.05% Sodium Azide     Isotype   IgG2a Kappa     Conjugate   Alexa Fluor 488     Purity   Protein G purified     Buffer   50mM Sodium Borate     Target Molecular Weight   82.5 kDa     Product Description     Host   Rat     Gene ID   5175     Gene Symbol   PECAM1     Species   Human, Mouse     Reactivity Notes   Mouse (PMID: 7956830) and Human (PMID: 30626719) reactivity reported in scientific literature.   Immunogen   This CD31/PECAM-1 Antibody (MEC13.3) was developed against mouse endothelial cell line T-end.   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 a racademic or for-profit entity). The sale of this product is expressly conditioned the buyer not using the product or its components; or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or file the product or its components, or file product in the product in	Concentration	·			
Clone MEC13.3  Preservative 0.05% Sodium Azide  Isotype IgC2a Kappa  Conjugate Alexa Fluor 488  Purity Protein G purified  Buffer 50mM Sodium Borate  Target Molecular Weight 82.5 kDa  Product Description  Host Rat  Gene ID 5175  Gene Symbol PECAM1  Species Human, Mouse  Reactivity Notes Mouse (PMID: 7956830) and Human (PMID: 30626719) reactivity reported in scientific literature.  Immunogen This CD31/PECAM1 Antibody (MEC13.3) was developed against mouse endothelial cell line T-end.  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 expressely conditioned of the product or its components, or any materials made using the product or its components; (ii) in manufacturing; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in resort. For informatic on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 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 Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofibitochemistry, Immunocytochemistry, Immunocytochemistry-Frozen, In vitro assay, In vivo assay, Immunoprecipitation, Immunohistochemistry-Frozen, In munofluorescence, Immunohistochemistry, Immunocytochemistry-Frozen, In vitro assay, In vivo assay, Immunoprecipitation, Immunohistochemistry-Frozen, In vitro assay, In vivo assay, Immunoprecipitation, Immunohistochemistry-Frozen, In vitro assay, In vivo	Storage	Store at 4C in the dark.			
Preservative   0.05% Sodium Azide	Clonality	Monoclonal			
IgG2a Kappa   IgG2a Kappa	Clone	MEC13.3			
Conjugate Alexa Fluor 488  Purity Protein G purified  Buffer 50mM Sodium Borate  Target Molecular Weight 82.5 kDa  Product Description  Host Rat Gene ID 5175 Gene Symbol PECAM1 Species Human, Mouse Reactivity Notes Mouse (PMID: 7956830) and Human (PMID: 30626719) reactivity reported in scientific literature.  Immunogen This CD31/PECAM-1 Antibody (MEC13.3) was developed against mouse endothelial cell line T-end.  Notes Alexa Fluor (R) products are provided under an intellectual property license fror 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 a racademic or for-profit entity). The sale of this product is expressly conditioned the buyer not using the product or its components, or any materials made using 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 Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunopriscipitation, Immunochistochemistry/ Immunofluorescence, Immunopriscipitation, Immunochistochemistry/ Immunofluorescence, Immunopriscipitation, Immunochistochemistry/ Immunofluorescence, Immunopriscipitation, Immunochistochemistry/	Preservative	0.05% Sodium Azide			
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Target Molecular Weight  82.5 kDa  Product Description  Host  Rat  Gene ID  5175  Gene Symbol  PECAM1  Species  Human, Mouse  Reactivity Notes  Mouse (PMID: 7956830) and Human (PMID: 30626719) reactivity reported in scientific literature.  Immunogen  This CD31/PECAM-1 Antibody (MEC13.3) was developed against mouse endothelial cell line T-end.  Notes  Alexa Fluor (R) products are provided under an intellectual property license fror Life Technologies Corporation. The purchase of this product and components of the product only in research conducted by the buyer (whether the buyer is are academic or for-profit entity). The sale of this product is expressly conditioned of the buyer not using the product or its components, or any materials made using 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 reseale, regardless of whether they are resold for use in research. For informatio on purchasing a license to this product or 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  Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Invitro assay, In vivo assay, Immunoprecipitation, CyTOF-ready  Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunofluorescence immunofluorescence immunoprecipitation, Immunofluorescence immunofluorescence, Immunohistochemistry, Immunocytochemistry-Frozen, Information in the product in	Purity	Protein G purified			
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Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, In	Applications	Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In			
	Recommended Dilutions	Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, In			



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Application Notes Optimal dilution of this antibody should be experimentally determined.			be experimentally determined.
	Images		
	CD31/PECAM-1 Antibody (MEC1	3.3) [Alexa Fluor® 488]	×





### **Novus Biologicals USA**

10730 E. Briarwood Avenue Centennial, CO 80112

USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com

Technical Support: nb-technical@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

## Products Related to NB600-1475AF488

NBP1-51104AF488 Rat IgG2a Isotype Control (KLH/G2a-1-1) [Alexa Fluor® 488]

NB600-1475AF647 CD31/PECAM-1 Antibody (MEC13.3) [Alexa Fluor® 647]

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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