

# Product Datasheet

## CD31/PECAM-1 Antibody (MEC13.3) [DyLight 488] NB600-1475G

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB600-1475G](http://www.novusbio.com/NB600-1475G)

Updated 9/11/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB600-1475G](http://www.novusbio.com/reviews/destination/NB600-1475G)



**NB600-1475G**

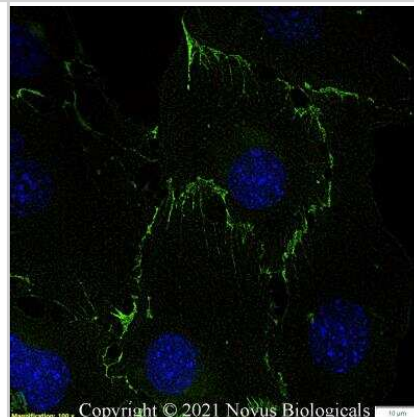
CD31/PECAM-1 Antibody (MEC13.3) [DyLight 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MEC13.3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	DyLight 488
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Target Molecular Weight</b>	82.5 kDa
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	5175
<b>Gene Symbol</b>	PECAM1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse (PMID: 7956830) and Human (PMID: 30626719) reactivity reported in scientific literature.
<b>Immunogen</b>	This CD31/PECAM-1 Antibody (MEC13.3) was developed against mouse endothelial cell line T-end.
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, In vivo assay, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, In vitro assay, In vivo assay, Flow (Cell Surface), CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

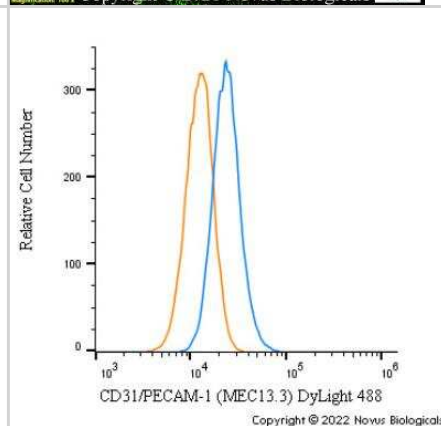


## Images

Immunocytochemistry/Immunofluorescence: CD31/PECAM-1 Antibody (MEC13.3) [DyLight 488] [NB600-1475G] - Mouse MS1 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with CD31/PECAM-1 Antibody [MEC13.3] conjugated to DyLight 488 (NB600-1475G) at 5 ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Flow Cytometry: CD31/PECAM-1 Antibody (MEC13.3) [DyLight 488] [NB600-1475G] - A surface stain was performed on MS1 cells with CD31/PECAM-1 [MEC13.3] Antibody NB600-1475G (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to DyLight 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 NB600-1475G**

---

NBP1-51104G	Rat IgG2a Isotype Control (KLH/G2a-1-1) [DyLight 488]
NB600-1475R	CD31/PECAM-1 Antibody (MEC13.3) [DyLight 550]
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB600-1475G](http://www.novusbio.com/reviews/submit/NB600-1475G)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

