

# Product Datasheet

## CD31/PECAM-1 Antibody (MEC13.3) [DyLight 550] NB600-1475R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-1475R**

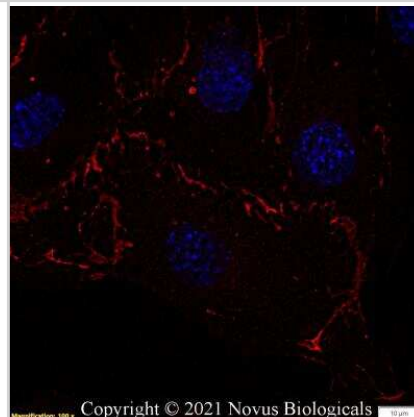
CD31/PECAM-1 Antibody (MEC13.3) [DyLight 550]

<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 550
<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.

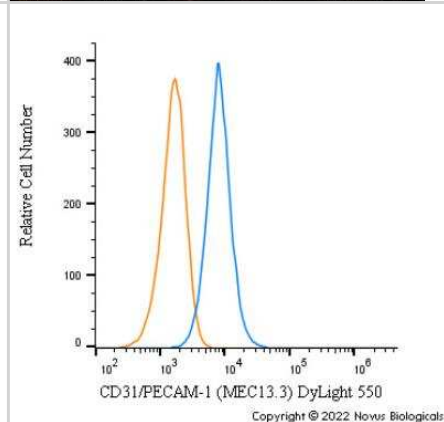


## Images

**Immunocytochemistry/Immunofluorescence: CD31/PECAM-1 Antibody (MEC13.3) [DyLight 550] [NB600-1475R]** - 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 550 (NB600-1475R) 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 550] [NB600-1475R]** - A surface stain was performed on MS1 cells with CD31/PECAM-1 [MEC13.3] Antibody NB600-1475R (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to DyLight 550.





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### **Products Related to NB600-1475R**

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NB600-1475G	CD31/PECAM-1 Antibody (MEC13.3) [DyLight 488]
NBP2-54655PEP	CD31/PECAM-1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
3628-PC-050	CD31/PECAM-1 [Unconjugated]

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### **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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