

# Product Datasheet

## CD31/PECAM-1 Antibody (TLD-3A12) [Biotin] NB100-63701

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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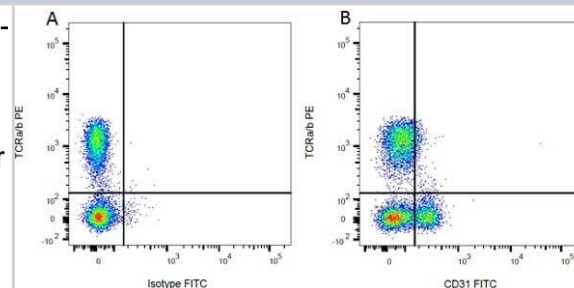


**NB100-63701****CD31/PECAM-1 Antibody (TLD-3A12) [Biotin]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	TLD-3A12
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	82.5 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5175
<b>Gene Symbol</b>	PECAM1
<b>Species</b>	Rat
<b>Reactivity Notes</b>	Predicted cross-reactivities: Rhesus Monkey, Porcine
<b>Immunogen</b>	Activated, Lewis rat derived microglial cells
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000
<b>Application Notes</b>	Clone TLD-3A12 has been shown to partially block the proliferative response of antigen-specific CD4+ T cells to antigen-presenting cells and relevant antigen. For Flow Cytometry: Use 10 ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100 ul. For IHC-P: The staining of endothelium may be enhanced on FFPE tissue by pre-treatment with 0.2M boric acid pH7.0, See Wilson et al. Immunocytochemistry/Immunofluorescence was reported in scientific literature.

**Images**

Flow Cytometry: CD31/PECAM-1 Antibody (TLD-3A12) [Biotin] - [NB100-63701] - Figure A. RPE conjugated mouse anti rat TCRA/b and FITC conjugated mouse IgG1 isotype control . Figure B. RPE conjugated mouse anti rat TCRA/b and FITC conjugated mouse anti rat CD31. All experiments performed on red cell lysed rat blood gated on mononuclear cells.





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### **Products Related to NB100-63701**

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NBP2-29370	Streptavidin Native Protein
NBP1-96888	Mouse IgG1 Isotype Control (MG1) [Biotin]
NB100-63703-100ug	CD31/PECAM-1 Antibody (TLD-3A12) [FITC]
NBP2-54655PEP	CD31/PECAM-1 Recombinant Protein Antigen

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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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