

# Product Datasheet

## EphB4 Antibody (VEB4-7E4)

### NBP1-49607-0.05mg

Unit Size: 0.05 mg

Store at 4C.

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**NBP1-49607-0.05mg**

EphB4 Antibody (VEB4-7E4)

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	VEB4-7E4
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS, containing 0.1% BSA

Product Description	
Description	Novus Biologicals Rat EphB4 Antibody (VEB4-7E4) (NBP1-49607) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-EphB4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	2050
Gene Symbol	EPHB4
Species	Mouse
Specificity/Sensitivity	Mouse Ephrin Type-B Receptor 4
Immunogen	Mouse Tyrosine-protein kinase receptor HTK

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoassay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Immunoassay
Application Notes	<p>It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.</p> <p>The monoclonal antibody VEB4-7E4 marks venous endothelial cells, but not arterial endothelial cells in B16 melanoma cells.</p>

**Publications**

Wang M, Collins MJ, Foster TR et al. Eph-B4 mediates vein graft adaptation by regulation of endothelial nitric oxide synthase J. Vasc. Surg. 2016-01-24 [PMID: 26817610] (ICC/IF, Mouse)





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### **Products Related to NBP1-49607-0.05mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)

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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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