

Product Datasheet

Tie-2 Antibody (tek9) - Azide and BSA Free NBP1-18614

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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NBP1-18614

Tie-2 Antibody (tek9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	tek9
Preservative	No Preservative
Reconstitution Instructions	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml. Please note the sample size of this product will be provided in reconstituted liquid form.
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

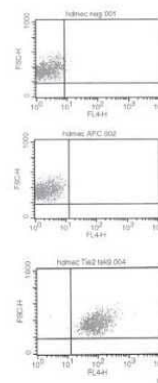
Product Description	
Host	Mouse
Gene ID	7010
Gene Symbol	TEK
Species	Human
Specificity/Sensitivity	The monoclonal antibody will detect native human TIE-2/tek in ELISA experiments and on the surface of different human cell types.
Immunogen	Recombinant human soluble extracellular TIE-2

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Sandwich ELISA, CyTOF-ready
Recommended Dilutions	Western Blot 2 - 5 ug/ml, Flow Cytometry 2 - 5 ug/ml, ELISA 1 - 2 ug/ml, Sandwich ELISA, CyTOF-ready
Application Notes	This antibody is Cytof ready.

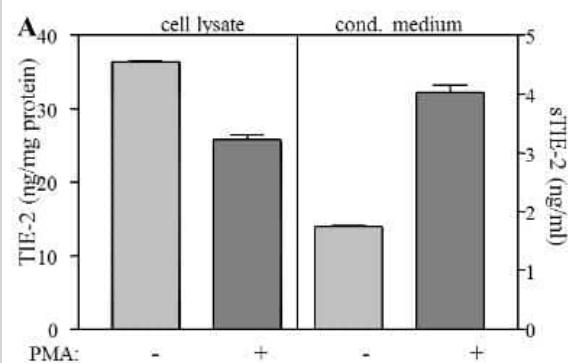


Images

Flow Cytometry: Tie-2 Antibody (tek9) [NBP1-18614] - FACS analysis with primary human dermal microvascular endothelial cells (HDMVEC).



Sandwich ELISA: Tie-2 Antibody (tek9) [NBP1-18614] - Quantification of soluble and cellular Tie-2 by sandwich ELISA. CM and cell lysates from HUVECs treated with PMA (25ng/ml) or left untreated were analysed by Sandwich ELISA for the concentrations of sTie-2 or Tie-2. For capturing anti-human Tie-2 Cl.16 NBP1-18616 was used, for the detection of a mixture of biotinylated anti-human Tie-2 Cl.2 NBP1-18612 and Cl.9 NBP1-18614.



Publications

Zhou H, Tu Q, Zhang Y et al. Shear stress improves the endothelial progenitor cell function via the CXCR7/ERK pathway axis in the coronary artery disease cases BMC Cardiovasc Disord 2020-09-07 [PMID: 32894067] (FLOW, Human)

Guo F, Si C, Zhou M et al. Decreased PECAM1-mediated TGF-b1 expression in the mid-secretory endometrium in women with recurrent implantation failure. Hum. Reprod. 2018-03-30 [PMID: 29617817] (Human)



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Products Related to NBP1-18614

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-57894PEP	Tie-2 Recombinant Protein Antigen

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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