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BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-VEGF Receptor 3/FLT4 Antibody Picoband® Cy3 Conjugated

Catalog Number: A01276-3-Cy3

About FLT4

Fms-related tyrosine kinase 4, also known as FLT4 or VEGFR3, is a protein which in humans is encoded by the FLT4 gene. It is mapped to 5q35.3. This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. FLT4 has an essential role in the development of the embryonic cardiovascular system before the emergence of the lymphatic vessels. It has been found that FLT4, which provides proangiogenic signaling when expressed on endothelium, may also have antiangiogenic properties when expressed at an avascular site by nonendothelial cells. FLT4 is also regarded as a regulator of vascular network formation.

Overview

Product Name	Anti-VEGF Receptor 3/FLT4 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, IHC-F, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P35916

Technical Details

Immunogen	E. coli-derived human VEGF Receptor 3 recombinant protein (Position: Y25-N259).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm

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Suggested Dilutions	Optimal dilutions should be determined by end users.

4 Publications Citing This Product

1. PubMed ID: 10.3892/etm.2021.9986, Expression levels of VEGF□C and VEGFR□3 in renal cell carcinoma and their association with lymph node metastasis

2. PubMed ID: 10.1016/j.arcmed.2007.06.021, Expression of Cyclooxygenase-2 and Vascular Endothelial Growth Factor-C Correlates with Lymphangiogenesis and Lymphatic Invasion in Human Gastric Cancer

3. PubMed ID: 10.1007/s11670-010-0303-5, Interleukin-18 suppresses angiogenesis and lymphangiogenesis in implanted Lewis lung cancer

Visit bosterbio.com/anti-vegf-receptor-3-picoband-trade-antibody-a01276-3-boster.html to see all 4 publications.

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