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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Hu CD334 Purified FGFR4 Monoclonal Antibody

Catalog Number: M00769-1

About FGFR4

CD334 / FGFR4 (fibroblast growth factor receptor 4), a transmembrane tyrosine kinase, which is expressed in many tissues, such as in lung, kidney, muscle, heart, pancreas, intestine and other, acts as a receptor for several fibroblast growth factors, namely FGF1, FGF2, FGF6, FGF8, and FGF19. Interaction with these growth factors initiates in cell the signaling cascades leading to the mitogenesis and cell differentiation. Presence of CD334 Gly338Arg allele correlates with prognostic parameters in various cancer studies. CD334 plays multiple roles in the organism, including those of muscle regeneration, cholesterol-to-bile acid metabolism, or glucose homeostasis.

Overview

Product Name	Anti-Hu CD334 Purified FGFR4 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD334 Purified FGFR4 Monoclonal Antibody (Catalog# M00769-1). Tested in Flow Cytometry, ICC application(s). This antibody reacts with Human.
Application	Flow Cytometry, ICC
Clonality	Monoclonal 4FR6D3
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P22455

Technical Details

Immunogen	NIH 3T3 cells transfected with full length human CD334. The mouse monoclonal antibody 4FR6D3 reacts with an extracellular epitope of CD334, the fibroblast growth factor receptor 4, which is an approximately 88 kDa receptor tyrosine kinase expressed in variety of tissues.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1 kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

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	If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Flow cytometry: 2-6 ug/ml.

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