

## Datasheet for ABIN1302415

### anti-FGFR4 antibody



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#### 1 Image

#### Overview

Quantity:	100 µg
Target:	FGFR4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGFR4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Anti-Hu CD334 Purified
Immunogen:	NIH 3T3 cells transfected with full length human CD334
Clone:	4FR6D3
Isotype:	IgG1 kappa
Specificity:	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.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

## Target Details

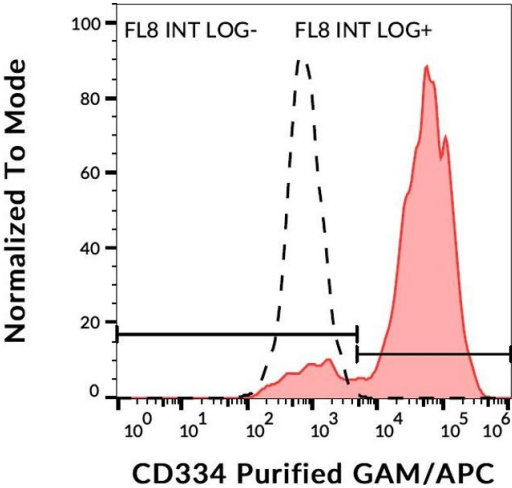
Target:	FGFR4
Alternative Name:	CD334 ( <a href="#">FGFR4 Products</a> )
Background:	<p>Fibroblast growth factor receptor 4,CD334 / FGFR4 (fibroblast growth factor receptor 4), a transmembrane tyrosine kinase, which is expressed in many tissues, such as in lung, kidney, muscle, heart, pancreas, intestine 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.</p> <p>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.,FGFR4, TKF, JTK2, FGFR-4</p>
Gene ID:	2264
UniProt:	<a href="#">P22455</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Application Notes:	Flow cytometry: Recommended dilution: 2-6 µg/mL.
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



**Flow Cytometry**

**Image 1.** Flow cytometry analysis (surface staining) of CD334 transfectants with anti-CD334 (4FR6D3) purified / GAM-APC.