产品名称：CD334 Mouse Monoclonal Antibody
产品货号：AMM82336

产品概述（Summary）

产品名称（Production Name）	CD334 Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	ELISA,FC
种属反应性（Reactivity）	Human

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	Mouse IgG1
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Purified antibody in PBS with 0.05% sodium azide
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	CD334
别名（Alternative Names）	FGFR4; TKF; JTK2
基因 ID（Gene ID）	2264.0
蛋白 ID（SwissProt ID）	P22455.Purified recombinant fragment of human CD334 (AA: extra 22-369) expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	88kDa

研究背景（Background）

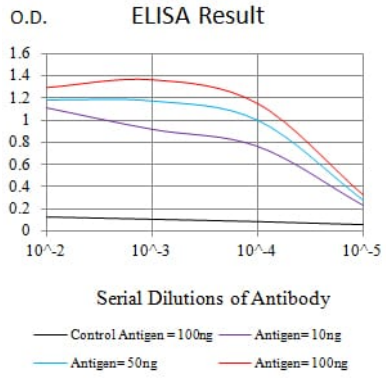
The protein encoded by this gene is a tyrosine kinase and cell surface receptor for fibroblast growth factors. The encoded

protein is involved in the regulation of several pathways, including cell proliferation, cell differentiation, cell migration, lipid metabolism, bile acid biosynthesis, vitamin D metabolism, glucose uptake, and phosphate homeostasis. This protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment, and a cytoplasmic tyrosine kinase domain. The extracellular portion interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. [provided by RefSeq, Aug 2017]

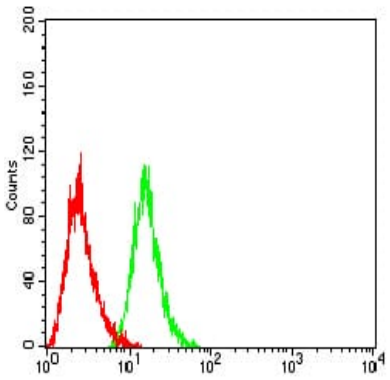
研究领域（Research Area）

TGF-beta signaling pathway,PI3K-Akt signaling pathway,MAPK signaling pathway,Hippo signaling pathway

图片（Image Data）



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of HL-60 cells using CD334 mouse mAb (green) and negative control (red).

注意事项（Note）

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