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# anti-TEK antibody (AA 571-748)





#### Overview

Quantity:	0.1 mg
Target:	TEK
Binding Specificity:	AA 571-748
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TEK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

#### **Product Details**

Immunogen:	Purified recombinant fragment of human CD202B (AA: extra 571-748) expressed in E. coli.
Clone:	3F5B9
Isotype:	lgG2b
Purification:	purified

## **Target Details**

Target:	TEK
Alternative Name:	CD202B (TEK Products)
Background:	Description: This gene encodes a receptor that belongs to the protein tyrosine kinase Tie2

family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in this gene are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. Aliases: TEK, TIE2, VMCM, GLC3E, TIE-2, VMCM1

Molecular Weight: 125.8 kDa,

Gene ID: 7010

Pathways: RTK Signaling, Growth Factor Binding

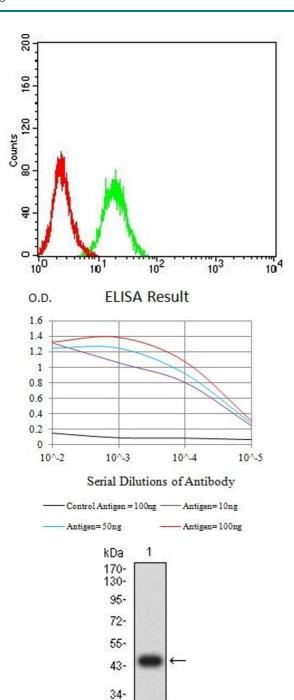
#### **Application Details**

 Application Notes:
 ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

 Restrictions:
 For Research Use only

### Handling

Buffer:	Purified antibody in PBS with 0.05 % 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/-20 °C
Storage Comment:	4°C, -20°C for long term storage



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#### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of HL-60 cells using CD202B mouse mAb (green) and negative control (red).

#### **ELISA**

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

#### **Western Blotting**

**Image 3.** Western blot analysis using CD202B mAb against human CD202B (AA: extra 571-748) recombinant protein. (Expected MW is 45.9 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193241.