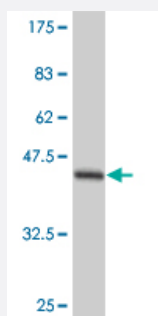


TEK monoclonal antibody (M17), clone 4C4

Catalog # H00007010-M17

Size 100 ug

Applications



Western Blot detection against Immunogen (39.31 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TEK.
Immunogen	TEK (NP_000450, 66 a.a. ~ 185 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NQHQDPLEVTQDVTREWAKKVWVKREKASKINGAYFCEGRVVRGEAIRITMKMRQQASFLPATLTMTVDKGDNVNISFKKVLKEEDAVIYKNGSFIHSVPRHEVPDILEVHLPHPAQPD*
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.31 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TEK

Entrez GeneID [7010](#)

GeneBank Accession# [NM_000459](#)

Protein Accession# [NP_000450](#)

Gene Name TEK

Gene Alias CD202B, TIE-2, TIE2, VMCM, VMCM1

Gene Description TEK tyrosine kinase, endothelial

Omim ID [600195 600221](#)

Gene Ontology [Hyperlink](#)

Gene Summary The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to the TIE receptor tyrosine kinase. [provided by RefSeq]

Other Designations OTTHUMP00000021167|soluble TIE2 variant 1|soluble TIE2 variant 2

Disease

- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Hypercholesterolemia](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)
- [Vascular Malformations](#)