
Product Name: TIE1 Mouse Monoclonal Antibody**Catalog #: AMM81319**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	125kDa

Antigen Information

Gene Name	TIE1
Alternative Names	TIE; JTK14
Gene ID	7075.0
SwissProt ID	P35590
Immunogen	Purified recombinant fragment of human TIE1 (AA: 385-607) expressed in E. Coli.

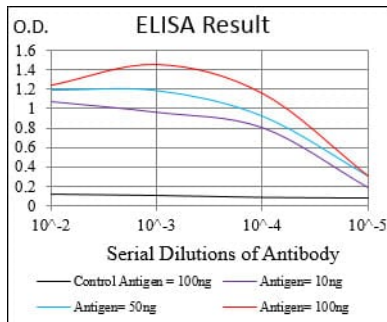
Background

This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial

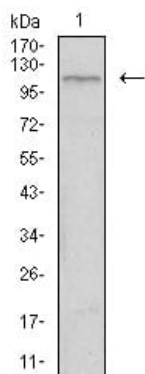
growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Research Area

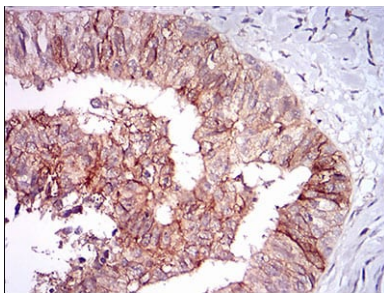
Image Data



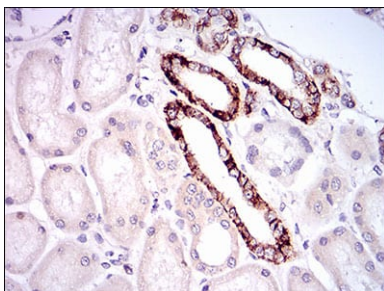
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using TIE1 mouse mAb against HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using TIE1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using TIE1 mouse mAb with DAB staining.