

TIE1 Antibody

Catalog No: #48402

Package Size: #48402-1 50ul #48402-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

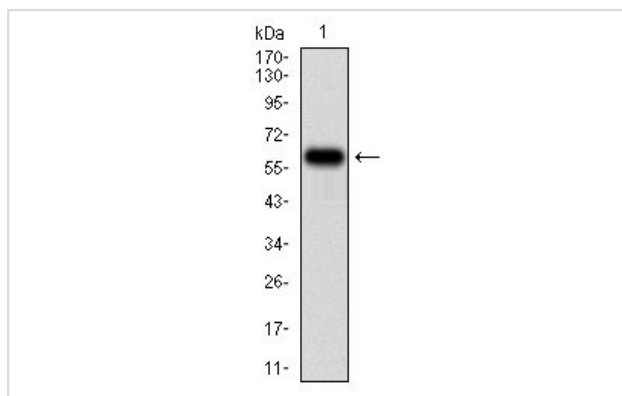
Description

Product Name	TIE1 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	D2-D12
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	JKT 14 antibody JTK14 antibody TIE antibody Tie1 antibody TIE1_HUMAN antibody Tyrosine kinase with immunoglobulin and epidermal growth factor homology domains 1 antibody Tyrosine Kinase with Immunoglobulin and Epidermal Growth Factor Homology Domains antibody Tyrosine kinase with immunoglobulin-like and EGF-like domains 1 antibody Tyrosine protein kinase receptor Tie 1 antibody Tyrosine-protein kinase receptor Tie-1 antibody
Accession No.	Swiss-Prot#:P35590
Uniprot	P35590
GeneID	7075;
Calculated MW	125 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

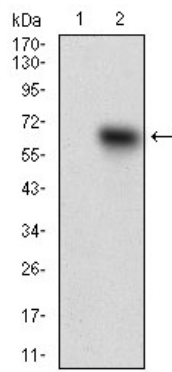
Application Details

WB: 1:500-1:2,000 IHC: 1:200-1:1,000

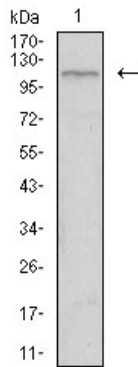
Images



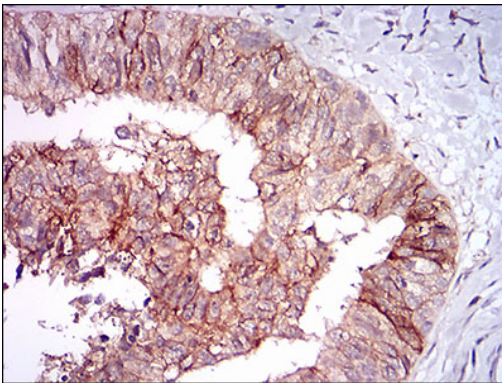
Western blot analysis of TIE1 on human TIE1 recombinant protein using anti-TIE1 antibody at 1/1,000 dilution.



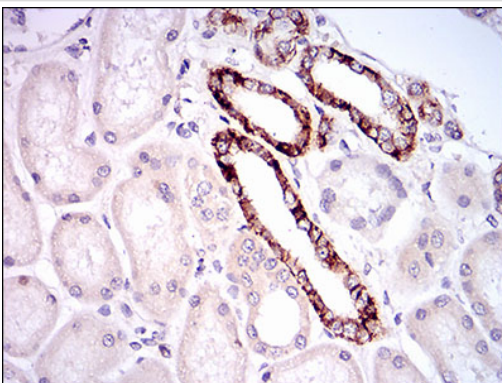
Western blot analysis of TIE1 on HEK293 (1) and RAN-hlgFc transfected HEK293 (2) cell lysate using anti-TIE1 antibody at 1/1,000 dilution.



Western blot analysis of TIE1 on HepG2 cell lysate using anti-TIE1 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissue using anti-CD68 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD68 antibody. Counter stained with hematoxylin.

Background

Receptor tyrosine kinases play key roles in signal transduction across cell surfaces in biological systems, including the vascular system. These receptors comprise a large and diverse family of catalytically related proteins that, on the basis of sequence and structural similarities, can be divided into several different evolutionary subfamilies. The cloning and characterization of Tie-1 (also designated Tie), a novel human endothelial cell surface receptor tyrosine kinase, has been reported. The extracellular domain of the predicted Tie-1 protein product has an unusual multidomain structure consisting of a cluster of three epidermal growth factor homology motifs localized between two immunoglobulin-like loops, which are followed by three fibronectin type III repeats next to the transmembrane region. An additional member of this family has been identified as Tie-2 (also designated Tek). Tie-1 and Tie-2 have been shown to be encoded by distinct genes and to represent members of a new class of receptor tyrosine kinases.

References

Note: This product is for in vitro research use only