

Mouse anti-Human TIE1 Monoclonal Antibody | anti-TIE1 antibody

TIE1 Antibody

CATALOG # AAA312041	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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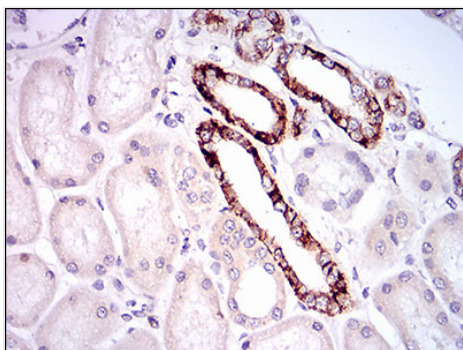
PRODUCT SYNONYMS

TIE1; Monoclonal Antibody; TIE1 Antibody; 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; anti-TIE1 antibody

PRODUCT SPECIFICATIONS

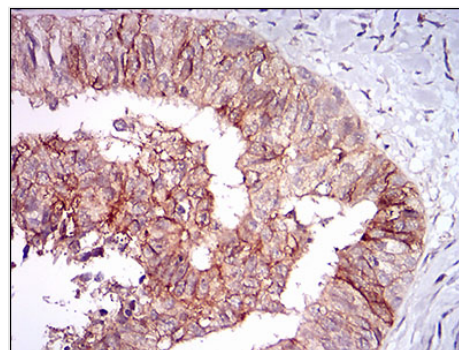
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	D2-D12
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TIE1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



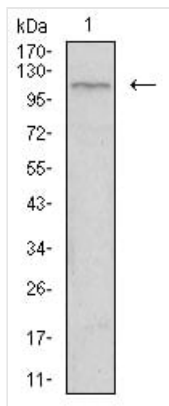
IHC (Immunohistochemistry)

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



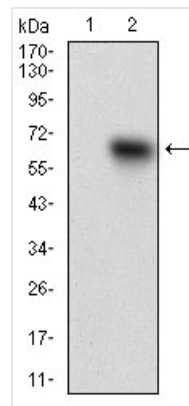
IHC (Immunohistochemistry)

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



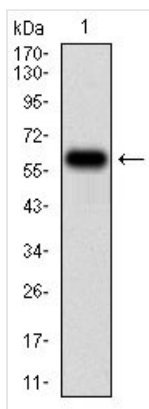
WB (Western Blot)

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



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TIE1 antibody

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.

Product Categories/Family for anti-TIE1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885631
NCBI GeneID	7075
NCBI Accession #	NP_005415.1
NCBI GenBank Nucleotide #	NM_005424.4
UniProt Accession #	P35590
Molecular Weight	125,090 Da

NCBI Official Full Name	tyrosine-protein kinase receptor Tie-1 isoform 1
NCBI Official Synonym Full Names	tyrosine kinase with immunoglobulin-like and EGF-like domains 1
NCBI Official Symbol	TIE1
NCBI Official Synonym Symbols	TIE; JTK14
NCBI Protein Information	tyrosine-protein kinase receptor Tie-1; tyrosine kinase with immunoglobulin and epidermal growth factor homology domains 1
UniProt Protein Name	Tyrosine-protein kinase receptor Tie-1
UniProt Gene Name	TIE1
UniProt Synonym Gene Names	TIE
UniProt Entry Name	TIE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/tie1-antibody-clone-d2-d12-immunohistochemistry-western-blot-elisa/312041>