

anti-Human, Mouse TIE2 Antibody | anti-TIE2 antibody

TIE2 (Phospho-Tyr1102) Antibody

CATALOG # AAA266840	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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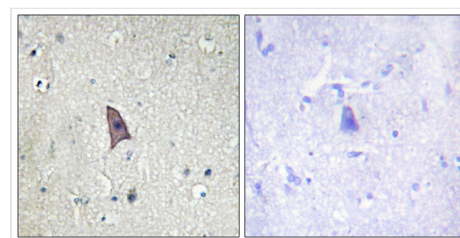
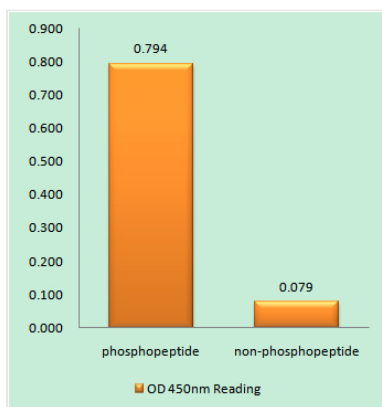
PRODUCT SYNONYMS

TIE2; TIE2 (Phospho-Tyr1102) Antibody; Angiopoietin 1 receptor precursor; CD202b antigen; EC 2.7.10.1; HYK; P140 TEK; TEK; TIE-2; Tunica interna endothelial cell kinase; Tyrosine-protein kinase receptor TEK; Tyrosine-protein kinase receptor TIE-2; kinase TIE2; anti-TIE2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	TIE2 (Phospho-Tyr1102) antibody detects endogenous levels of TIE2 only when phosphorylated at tyrosine 1102.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1124
Applicable Applications for anti-TIE2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human TIE2 around the phosphorylation site of tyrosine 1102 (K-T-YP-V-N).
All Sites	Human: Tyr1102 Mouse: Tyr1100
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using TIE2 (Phospho-Tyr1102) antibody. TIE2 (Phospho-Tyr1102) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TIE2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Monica Iurlaro, J. Cell Sci., Sep 2003; 116: 3635. Ok-Hee Lee, Mol. Cancer Res., Dec 2006; 4: 915-926. Bernhard Witzenbichler, J. Biol. Chem., Jul 1998; 273: 18514.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758596
NCBI GeneID	7010
NCBI Accession #	NP_000450.2
NCBI GenBank Nucleotide #	NM_000459.4
UniProt Accession #	Q02763; Q5TCU2; Q8IV34; A8K6W0; B4DH20; B4DHD3; D3DRK5; E7EWI2
Molecular Weight	109,141 Da
NCBI Official Full Name	angiopoietin-1 receptor isoform 1
NCBI Official Synonym Full Names	TEK receptor tyrosine kinase
NCBI Official Symbol	TEK
NCBI Official Synonym Symbols	TIE2; VMCM; GLC3E; TIE-2; VMCM1; CD202B
NCBI Protein Information	angiopoietin-1 receptor
UniProt Protein Name	Angiopoietin-1 receptor
UniProt Gene Name	TEK
UniProt Synonym Gene Names	TIE2; VMCM; VMCM1; hTIE2

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/human-mouse-antibody/tie2/266840>