

Tec Monoclonal Antibody | anti-Tec antibody

Tec Rabbit mAb

CATALOG # AAA314473	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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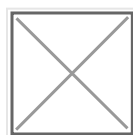
PRODUCT SYNONYMS

Tec; Monoclonal Antibody; Tec Rabbit mAb; Tyrosine-protein kinase Tec; anti-Tec antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S09-6E7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-Tec antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human Tec
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of Tec(green) in Hela cells using Tec Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

Western blot detection of Tec in K562 cell lysates using Tec Rabbit mAb(1:1000 diluted).Predicted band size:74kDa.Observed band size:58-75kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Tec antibody	Non-receptor tyrosine kinase that contributes to signaling from many receptors and participates as a signal transducer in multiple downstream pathways, including regulation of the actin cytoskeleton. Plays a redundant role to ITK in regulation of the adaptive immune response. Regulates the development, function and differentiation of conventional T-cells and nonconventional NKT-cells. Required for TCR-dependent IL2 gene induction. Phosphorylates DOK1, one CD28-specific substrate, and contributes to CD28-signaling. Mediates signals that negatively regulate IL2RA expression induced by TCR cross-linking. Plays a redundant role to BTK in BCR-signaling for B-cell development and activation, especially by phosphorylating STAP1, a BCR-signaling protein. Required in mast cells for efficient cytokine production. Involved in both growth and differentiation mechanisms of myeloid cells through activation by the granulocyte colony-stimulating factor CSF3, a critical cytokine to promoting the growth, differentiation, and functional activation of myeloid cells. Participates in platelet signaling downstream of integrin activation. Cooperates with JAK2 through reciprocal phosphorylation to mediate cytokine-driven activation of FOS transcription. GRB10, a negative modifier of the FOS activation pathway, is another substrate of TEC. TEC is involved in G protein-coupled receptor- and integrin-mediated signalings in blood platelets. Plays a role in hepatocyte proliferation and liver regeneration and is involved in HGF-induced ERK signaling pathway. TEC regulates also FGF2 unconventional secretion (endoplasmic reticulum (ER)/Golgi-independent mechanism) under various physiological conditions through phosphorylation of FGF2 'Tyr-215'. May also be involved in the regulation of osteoclast differentiation.
Product Categories/Family for anti-Tec antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	130977759
NCBI GeneID	7006
NCBI Accession #	NP_003206.2
NCBI GenBank Nucleotide #	NM_003215.2
UniProt Accession #	P42680; Q3MIS5; B7ZKZ6
Molecular Weight	631
NCBI Official Full Name	tyrosine-protein kinase Tec
NCBI Official Synonym Full Names	tec protein tyrosine kinase
NCBI Official Symbol	TEC
NCBI Official Synonym Symbols	PSCTK4
NCBI Protein Information	tyrosine-protein kinase Tec
UniProt Protein Name	Tyrosine-protein kinase Tec
UniProt Gene Name	TEC
UniProt Synonym Gene Names	PSCTK4
UniProt Entry Name	TEC_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/tec-antibody-clone-s09-6e7-immunofluorescence-western-blot-elisa/314473>