

Rabbit Tec Polyclonal Antibody | anti-TEC antibody

Tec Rabbit pab Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36719	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

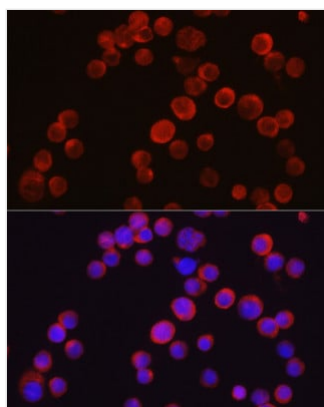
PRODUCT SYNONYMS

Tec; Polyclonal Antibody; Tec Rabbit pab Antibody; TEC; MGC126760; MGC126762; PSCTK4; anti-TEC antibody

PRODUCT SPECIFICATIONS

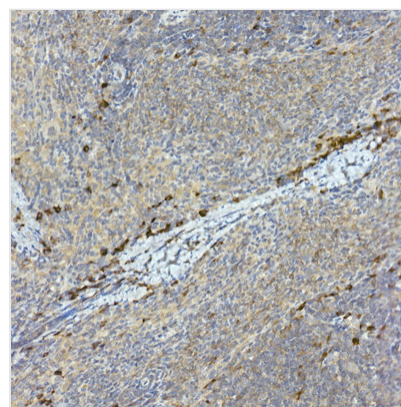
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid; PBS with 0.09% Sodium azide,50% glycerol,pH 7.3.
Sequence Length	631
Applicable Applications for anti-TEC antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human Tec (NP_003206.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

IMAGES



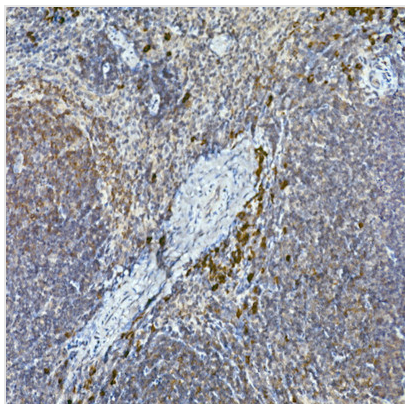
IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using Tec Rabbit pAb (AAA36719) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining



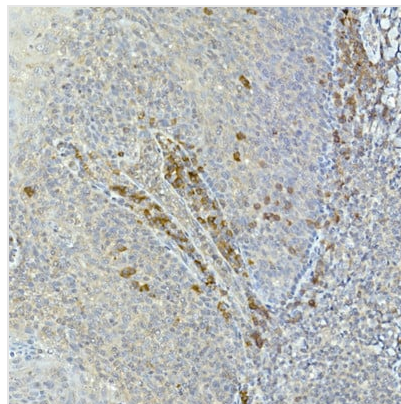
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat spleen using Tec Rabbit pAb (AAA36719) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining



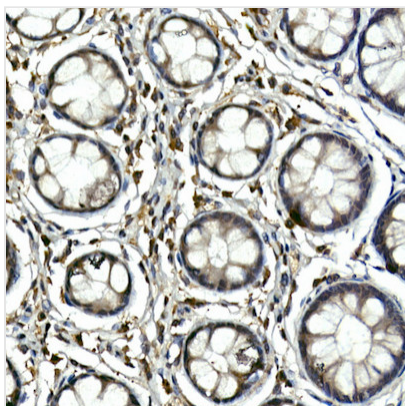
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse spleen using Tec Rabbit pAb (AAA36719) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



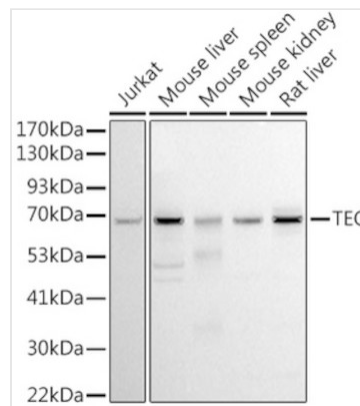
IHC (Immunohistochemistry)

mmunohistochemistry analysis of paraffin-embedded Human tonsil using Tec Rabbit pAb (AAA36719) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human colon using Tec Rabbit pAb (AAA36719) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using Tec Rabbit pAb (AAA36719) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AAA36719) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. DeTecton: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TEC antibody	The protein encoded by this gene belongs to the Tec family of non-receptor protein- tyrosine kinases containing a pleckstrin homology domain. Tec family kinases are involved in the intracellular signaling mechanisms of cytokine receptors, lymphocyte surface antigens, heterotrimeric G-protein coupled receptors, and integrin molecules. They are also key players in the regulation of the immune functions. Tec kinase is an integral component of T cell signaling and has a distinct role in T cell activation. This gene may be associated with myelodysplastic syndrome.
References	1. August, A. et al. (2002) Int. J. Biochem. Cell Biol. 34, 1184-1189. 2. Pillai, S. and Moran, S.T. (2002) Biochim. Biophys. Acta. 1602, 162-167. 3. Lewis, C. M. et al. (2001) Curr. Opin. Immunol. 13, 317-325. 4. Schmidt, U. et al. (2004) Int. Arch. Allergy Immunol. 134, 65-78. 5. Ohya, K. et al. (1999) Proc. Natl. Acad. Sci. USA 96, 11976-11981.

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	Observed MW: 68kDa Calculated MW: 74kDa

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/polyclonal/tec-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/36719>