

TEC

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 66kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human TEC

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PSCTK4; Tyrosine-protein kinase Tec antibody;

Catalog #: A0189

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 7006

Isotype: IgG

Swiss Prot: P42680

Purity: Affinity purification

For research use only.

Background:

Tec is a member of the Tec family of non-receptor protein-tyrosine kinase (PTK) which also includes Btk, emtk/itk/Tsk, Rlk/Txx and Bmx. Tec is composed of a pleckstrin domain (PH), an SH3 and SH2 domain, a catalytic kinase domain and a Tec homology domain (TH). Tecs TH domain interacts with the SH3 domain of Grb2, Src family PTKs (Fyn, Lyn, and Hck), Vav, and c-Kit. Tec is mostly expressed in hematopoietic cells. Tecs SH3 domain interacts with DC28 and has been shown to phosphorylate p62 dok, CD28 substrate. Tec can phosphorylate Jak kinase in hematopoietic cells and can also be phosphorylated by Src member Lyn on multiple tyrosine residues.

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