

TEC monoclonal antibody (M01), clone 1C11

Catalog # H00007006-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TEC.
Immunogen	TEC (NP_003206, 311 a.a. ~ 410 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KYYLAEKHAFGSIPEIIEYHKHNAAGLVTRLRYPVSVKGKNAPTTAGFSYEKWEINPSELTFMRELG SGLFGVVRLGKWRAQYKVAIKAIREGAMCEEDF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — TEC

Entrez GeneID	7006
GeneBank Accession#	NM_003215

Protein Accession#	NP_003206
Gene Name	TEC
Gene Alias	MGC126760, MGC126762, PSCTK4
Gene Description	tec protein tyrosine kinase
Omim ID	600583
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000158787

Pathway

- [T cell receptor signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Lymphedema](#)