

IL-2 诱导型 T 细胞激酶抗体

产品货号： mlR2784

英文名称： ITK

中文名称： IL-2 诱导型 T 细胞激酶抗体

别名： EMT; Homolog of mouse T cell itk/tsk; IL2 inducible T cell kinase; Kinase EMT; LYK; MGC126257; MGC126258; PSCTK 2; PSCTK2; T cell specific kinase; TSK; Tyrosine protein kinase; Tyrosine protein kinase ITK/TSK; Tyrosine protein kinase Lyk; ITK_HUMAN.

研究领域： 免疫学 信号转导 细胞凋亡 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 68kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human ITK/PSCTK2:101-200/620

亚型： IgG

纯化方法 : affinity purified by Protein A

储存液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in intracellular kinases. It is thought to play a role in T-cell proliferation and differentiation. [provided by RefSeq, Jul 2008]

Function:

Plays a role in T-cell proliferation and differentiation.

Subcellular Location:

Cell membrane. Localizes to cell surface receptors in the plasma membrane after stimulation with respective receptors (TCR, CD28, CD2) in T-cells.

Tissue Specificity:

T-cell lines and natural killer cell lines.

DISEASE:

Defects in ITK are the cause of lymphoproliferative syndrome EBV-associated autosomal type 1 (LPSA1) [MIM:613011]. LPSA1 is a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus (EBV). Inadequate immune response to EBV can have a fatal outcome. Clinical features include

splenomegaly, lymphadenopathy, anemia, thrombocytopenia, pancytopenia, recurrent infections. There is an increased risk for lymphoma.

Similarity:

Belongs to the protein kinase superfamily. Tyr protein kinase family. TEC subfamily.

Contains 1 Btk-type zinc finger.

Contains 1 PH domain.

Contains 1 protein kinase domain.

Contains 1 SH2 domain.

Contains 1 SH3 domain.

SWISS:

Q08881

Gene ID:

3702

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.