Emt (Phospho Tyr512) Rabbit pAb

CatalogNo: YP1004

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• WB,IHC,IF,ELISA

MW	Isotype
• 72kD (Observed)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:100-1:300
ELISA 1:5000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human ITK around the phosphorylation site of Tyr512. AA range:478-527
Specificity	Phospho-Emt (Y512) Polyclonal Antibody detects endogenous levels of Emt protein only when phosphorylated at Y512.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):DQyTS

Target Information

Gene name ITK EMT LYK

Protein Name Tyrosine-protein kinase ITK/TSK

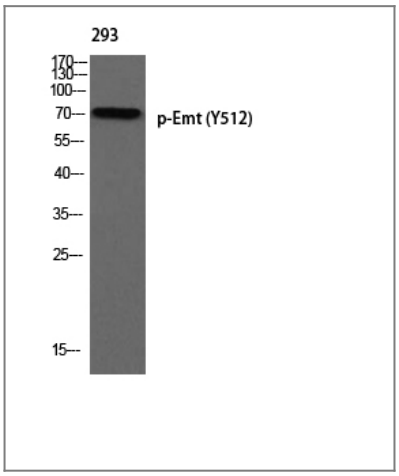
Organism	Gene ID	UniProt ID
Human	3702;	Q08881;
Mouse	16428;	Q03526;

Cellular Localization Cytoplasm . Nucleus . Localizes in the vicinity of cell surface receptors in the plasma membrane after receptor stimulation.

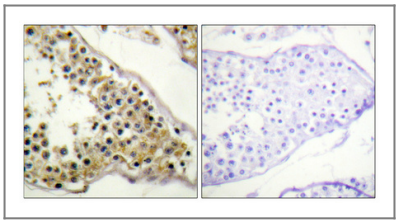
Tissue specificity T-cell lines and natural killer cell lines.

Function Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. ,cofactor:Binds 1 zinc ion per subunit. ,Function:Plays a role in T-cell proliferation and differentiation. ,induction:By interleukin-2. ,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. TEC subfamily. ,similarity:Contains 1 Btk-type zinc finger. ,similarity:Contains 1 PH domain. ,similarity:Contains 1 protein kinase domain. ,similarity:Contains 1 SH2 domain. ,similarity:Contains 1 SH3 domain. ,subcellular location: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. ,

Validation Data



Western blot analysis of 293 using p-Emt (Y512) antibody.



Immunohistochemical analysis of paraffin-embedded Human testis. Antibody was diluted at 1:100 (4℃ overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Contact information

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Please scan the QR code to access additional product information:
Emt (Phospho Tyr512) Rabbit pAb

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