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Datasheet for ABIN680653
anti-ITK antibody (AA 101-200)

Overview

Quantity:	100 µL
Target:	ITK
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITK antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ITK/PSCTK2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ITK
Alternative Name:	ITK (ITK Products)

Target Details

Background:	<p>Synonyms: EMT, Homolog of mouse T cell itk/tsk, IL2 inducible T cell kinase, Kinase EMT, LYK, MGC126257, MGC126258, PSCTK 2, PSCTK2, T cell specic kinase, TSK, Tyrosine protein kinase, Tyrosine protein kinase ITK/TSK, Tyrosine protein kinase Lyk.</p> <p>Background: ITK is a T cell signaling protein. The Tec family of non receptor tyrosine kinases is composed of six proteins designated Tec, ITK (also known as Emt or Tsk), Btk (previously known as Atk, BPK or Emb), Bmx, Txk (also known as Rlk) and Dsrc28C. All members of the family contain SH3 and SH2 domains and, with the exception of Txk and Dsrc28C, also contain pleckstrin homology (PH) and Tec homology (TH) domains in their amino termini. ITK associates with CD28 and becomes activated subsequent to CD28 ligation.</p>
Gene ID:	3702
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months