Datasheet for ABIN905778

anti-MATK antibody (AA 411-507) (Alexa Fluor 350)

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Overview

Quantity:	100 µL
Target:	MATK
Binding Specificity:	AA 411-507
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATK antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

Target Details

Target:	MATK
Alternative Name:	MATK (MATK Products)
Background:	Synonyms: CHK, Csk homologous kinase, Csk type protein tyrosine kinase, CTK, Hematopoietic

Target Details

	consensus tyrosine lacking kinase, HHYLTK, Hydroxyaryl protein kinase, HYL, HYL tyrosine kinase, HYLTK, Leukocyte carboxyl terminal src kinase related, Lsk, Megakaryocyte associated tyrosine kinase, Megakaryocyte associated tyrosine protein kinase, Protein kinase HYL, Tyrosine kinase MATK, Tyrosine protein kinase CTK, Tyrosylprotein kinase, MATK_HUMAN. Background: The protein encoded by this gene has amino acid sequence similarity to Csk tyrosine kinase and has the structural features of the CSK subfamily: SRC homology SH2 and SH3 domains, a catalytic domain, a unique N terminus, lack of myristylation signals, lack of a negative regulatory phosphorylation site, and lack of an autophosphorylation site. MATK is thought to play a significant role in the signal transduction of hematopoietic cells. It is able to phosphorylate and inactivate Src family kinases, and may play an inhibitory role in the control of T-cell proliferation. This protein might be involved in signaling in some cases of breast cancer.
Gene ID:	4145

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months