Datasheet for ABIN1531402

anti-TEK antibody (pTyr1108)

2 Images

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Overview

Quantity:	100 µL
Target:	TEK
Binding Specificity:	AA 1074-1123, pTyr1108
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human TIE2 around the phosphorylation site of Tyr1108.
Isotype:	IgG
Specificity:	TIE2 (Phospho-Tyr1108) Antibody detects endogenous levels of TIE2 only when phosphorylated at Tyr1108. PhosphorylationH:Y1108 M:Y1106
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

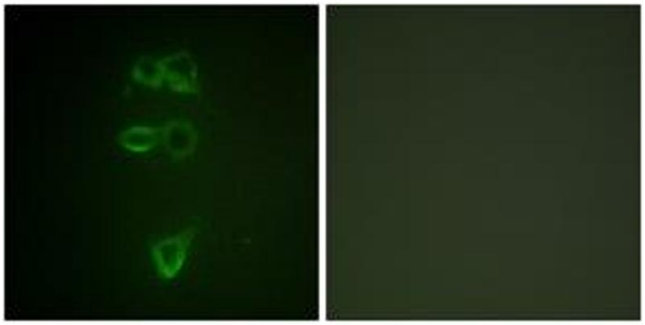
Target:	TEK
Alternative Name:	TIE2 (TEK Products)
Background:	Synonyms: Tyrosine-protein kinase receptor TIE-2, hTIE2, Tyrosine-protein kinase receptor TEK, p140 TEK, Tunica interna endothelial cell kinase, CD202b antigen NCBI Gene Symbol: TEK
Molecular Weight:	125 kDa
Gene ID:	7010
OMIM:	600195
UniProt:	Q02763
Pathways:	RTK Signaling, Growth Factor Binding

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.89640 (NCBI Gene Symbol: TEK)
Restrictions:	For Research Use only

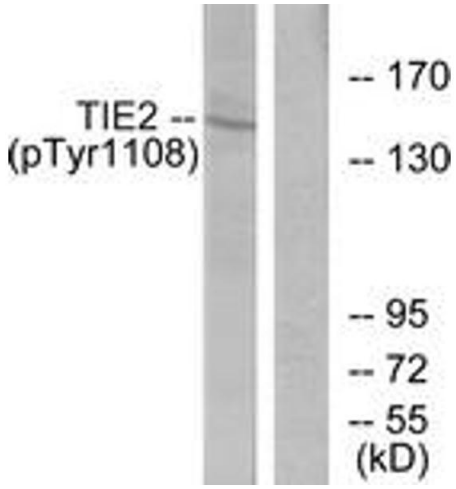
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using TIE2 (Phospho-Tyr1108) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from NIH-3T3 cells, using TIE2 (Phospho-Tyr1108) Antibody. The lane on the right is treated with the synthesized peptide.