

Datasheet for ABIN7427495
anti-FAK antibody (AA 798-1041)



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Overview

Quantity:	100 µL
Target:	FAK (PTK2)
Binding Specificity:	AA 798-1041
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Focal Adhesion Kinase (FAK)
Immunogen:	Recombinant Focal Adhesion Kinase (FAK) corresponding to Gly798~Ala1041 with N-terminal His Tag
Clone:	C8
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against FAK. It has been selected for its ability to recognize FAK in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	FAK (PTK2)
Alternative Name:	Focal Adhesion Kinase (PTK2 Products)
Background:	PTK2, FADK, FAK1, Pp125FAK, PPP1R71, Protein Tyrosine Kinase 2, Focal adhesion kinase-related nonkinase, Protein phosphatase 1 regulatory subunit 71
UniProt:	Q05397
Pathways:	Response to Growth Hormone Stimulus , CXCR4-mediated Signaling Events , Smooth Muscle Cell Migration , Signaling of Hepatocyte Growth Factor Receptor , VEGF Signaling

Application Details

Application Notes:	Western blotting: 0.01-3 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.84 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months