Anti-Phospho-FAK (Tyr576/Tyr577) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108735

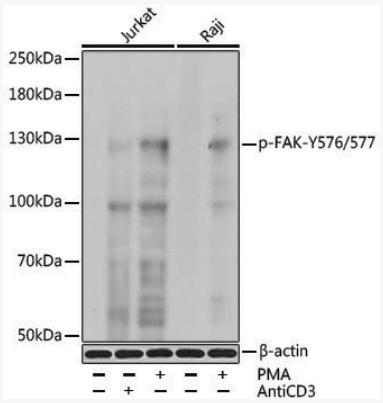
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around Y576 & Y577 of human PTK2 (NP_722560.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-FAK (Tyr576/Tyr577) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	FAK; FADK; FAK1; FRNK; FADK 1; PPP1R71; p125FAK; pp125FAK; Phospho-FAK-Y576/577.
Calculated MW	Calculated MW: 119 kDa; Observed MW: 130 kDa
Uniprot ID	Q05397
Gene ID	5747
Background	This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene.

Validation Images



Western blot analysis of various lysates, using Phospho-FAK-Y576/577 Rabbit pAb (P108735) at 1:1,000 dilution. Jurkat cells were treated by CD-3 (10 µg/mL) for 2 minutes after serum-starvation overnight or treated by PMA/TPA (200nM) for 10 minutes. Raji cells were treated by PMA/TPA (200nM) for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Kit.
Exposure time: 90s.