

# FAK(Ab-861) Antibody

Catalog No: #21076



Package Size: #21076-1 50ul #21076-2 100ul #21076-4 25ul

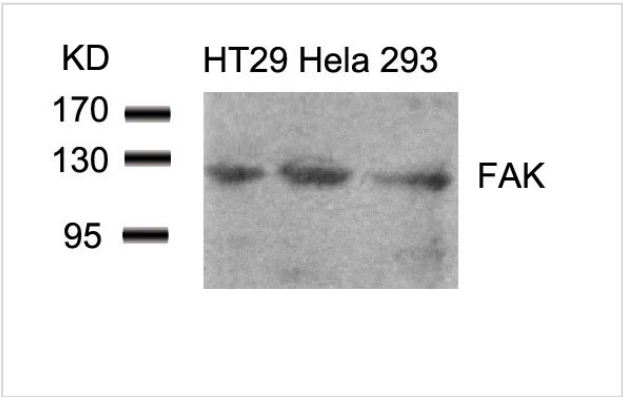
## Overview

Product Name	FAK(Ab-861) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	FAK
Alternative Names	FADK 1; FAK1; PTK2

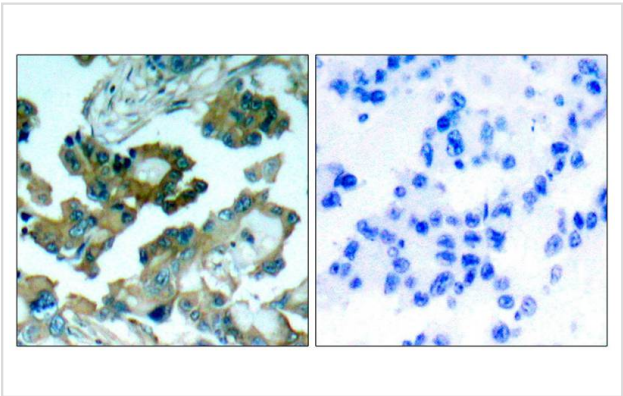
## Application Details

Predicted MW: 125kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from HT29, Hela and 293 cells using FAK(Ab-861) Antibody #21076.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using FAK(Ab-861) Antibody #21076(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

Immunogen	Peptide sequence around aa. 859~863 (H-I-Y-Q-P) derived from Human FAK.
Specificity	The antibody detects endogenous level of total FAK protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q05397NCBI Protein: NP_005598.3

## Related Information

Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Plays a potential role in oncogenic transformations resulting in increased kinase activity.

Shi Q, et al. (2003) Mol Biol Cell; 14(10): 4306-15.

Vadlamudi RK, et al. (2003) FEBS Lett; 543(1-3): 76-80.

Eliceiri BP, et al. (2002) J Cell Biol Apr 01; 157(1): 149-60.

Abu-Ghazaleh R, (2001) et al. Biochem J; 360(Pt 1): 255-64.

Slack JK, et al.(2001) Oncogene; 20(10): 1152-63.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.