

# FAK(Phospho-Tyr925) Antibody

Catalog No: #11123



Package Size: #11123-1 50ul #11123-2 100ul #11123-4 25ul

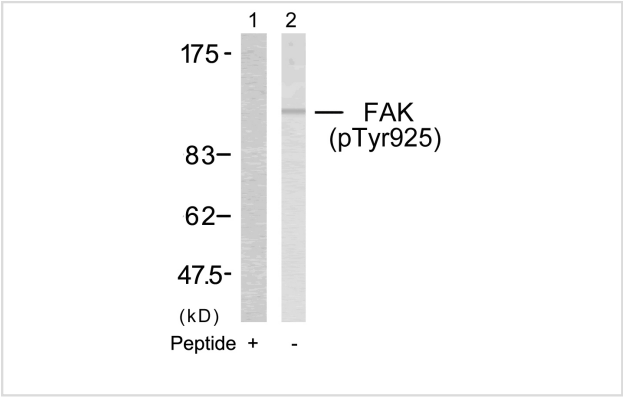
## Overview

|                    |                              |
|--------------------|------------------------------|
| Product Name       | FAK(Phospho-Tyr925) Antibody |
| Host Species       | Rabbit                       |
| Clonality          | Polyclonal                   |
| Applications       | WB IF                        |
| Species Reactivity | Hu Ms Rt                     |
| Immunogen Type     | Peptide-KLH                  |
| Target Name        | FAK                          |
| Modification       | Phospho-Tyr925               |
| Alternative Names  | FADK 1; FAK1; PTK2           |

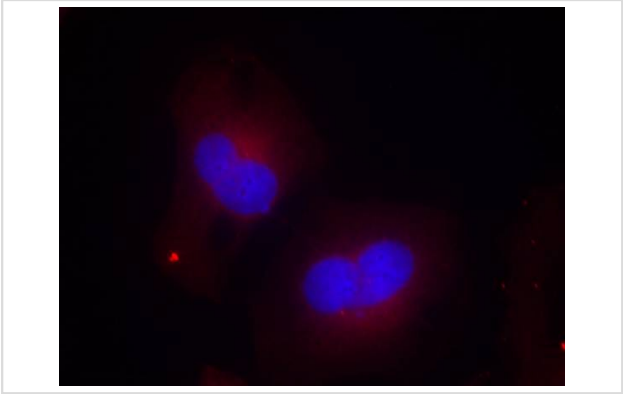
## Application Details

|                                 |
|---------------------------------|
| Predicted MW: 125kd             |
| Western blotting: 1:500~1:1000  |
| Immunofluorescence: 1:100~1:200 |

## Images



Western blot analysis of extracts from 293 cells using FAK(Phospho-Tyr925) Antibody #11123(Lane 2) and the same antibody preincubated with blocking peptide(Lane1).



Immunofluorescence staining of methanol-fixed HeLa cells using FAK(Phospho-Tyr925) Antibody #11123.

## Descriptions

|               |   |
|---------------|---|
| Immunogen     | Peptide sequence around phosphorylation site of tyrosine 925 (K-V-Y(p)-E-N) derived from Human FAK.   |
| Specificity   | The antibody detects endogenous level of FAK only when phosphorylated at tyrosine 925.  |
| Purification  | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.<br>Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| 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.

Sanders MA, et al. (2005) J Biol Chem; 280(25): 23516-22.

Cherubini A, et al. (2005) Mol Biol Cell; 16(6): 2972-83.

Toriumi Y, et al. (2003) FEBS Lett; 553(3): 419-22.

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