

## FAK Antibody | anti-FAK antibody

FAK (Ab-925) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA111829</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

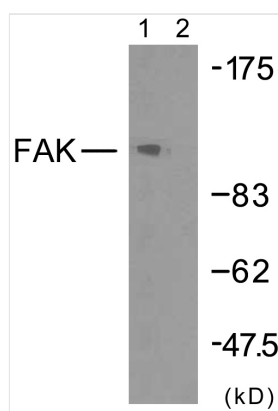
### PRODUCT SYNONYMS

FAK; FAK (Ab-925) Antibody; anti-FAK antibody

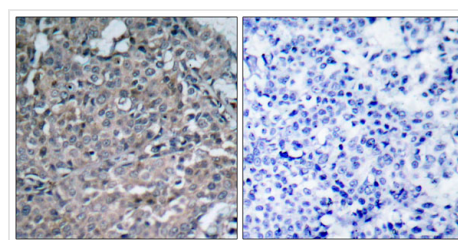
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse, Rat                                                                                                                         |
| Specificity                                   | FAK (Ab-925) antibody detects endogenous levels of total FAK protein.                                                                     |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                      |
| Form/Format                                   | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                            |
| Sequence Length                               | 1065                                                                                                                                      |
| Applicable Applications for anti-FAK antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                      |
| Immunogen                                     | The antiserum was produced against synthesized non-phosphopeptide derived from human FAK around the phosphorylation site of tyrosine 925. |
| Preparation and Storage                       | Store at -20 degree C for 1 year                                                                                                          |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from HeLa cells using FAK (Ab-925) antibody.


**IHC (Immunohistochemistry)**

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FAK (Ab-925) antibody.

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-FAK antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells            |
| References                                      | 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. Shi Q, et al. (2003) Mol Biol Cell; 14(10): 4306-15. |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 313851044                                              |
| NCBI GeneID                      | 5747                                                   |
| NCBI Accession #                 | NP_001186578.1                                         |
| NCBI GenBank Nucleotide #        | NM_001199649.1                                         |
| UniProt Accession #              | Q05397; Q14291; Q8IYN9; Q9UD85; B4E2N6; F5H4S4; J3QT16 |
| Molecular Weight                 | 114,253 Da                                             |
| NCBI Official Full Name          | focal adhesion kinase 1 isoform c                      |
| NCBI Official Synonym Full Names | protein tyrosine kinase 2                              |
| NCBI Official Symbol             | PTK2                                                   |
| NCBI Official Synonym Symbols    | FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK      |
| NCBI Protein Information         | focal adhesion kinase 1                                |
| UniProt Protein Name             | Focal adhesion kinase 1                                |
| UniProt Gene Name                | <b>PTK2</b>                                            |
| UniProt Synonym Gene Names       | FAK; FAK1; FADK 1; FRNK; PPP1R71                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/fak/111829>