

Anti-FAK Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012028

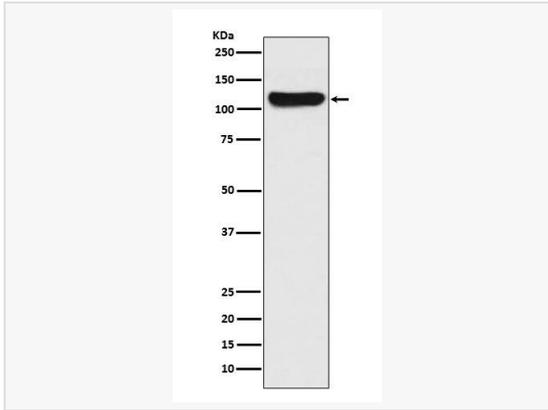
Product Information

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|-------------|---|
| Application | WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, FC, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthesized peptide derived from human FAK |
| Format | Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography |
| 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-FAK antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

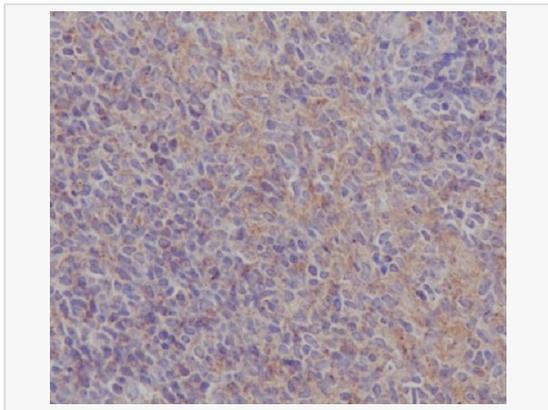
Protein Information

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|---------------|---|
| Synonyms | PTK2, FAK, FAK1, Focal adhesion kinase 1, FADK 1, Focal adhesion kinase-related nonkinase, FRNK, Protein phosphatase 1 regulatory subunit 71, PPP1R71, Protein-tyrosine kinase 2, p125FAK, pp125FAK. |
| Calculated MW | Calculated MW: 119 kDa; Observed MW: 119 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. |

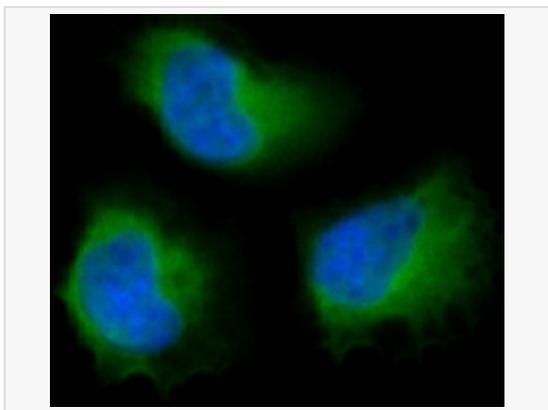
Validation Images



Western blot analysis of FAK in HeLa lysates using FAK antibody.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using FAK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of FAK in HeLa using FAK antibody.