

## Summary

<b>Production Name</b>	FAK Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IF,IP,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

## Immunogen

<b>Gene Name</b>	PTK2 PTK2;FAK;FAK1;Focal adhesion kinase 1;FADK 1;Focal adhesion kinase-related
<b>Alternative Names</b>	nonkinase;FRNK;Protein phosphatase 1 regulatory subunit 71;PPP1R71;Protein-tyrosine kinase 2;p125FAK;pp125FAK
<b>Gene ID</b>	5747.0
<b>SwissProt ID</b>	Q05397.

## Application

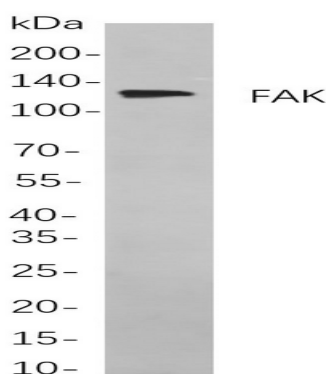
<b>Dilution Ratio</b>	IHC 1:400-1:1000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200,
<b>Molecular Weight</b>	Calculated MW:119kD;Observed MW:119kD

## Background

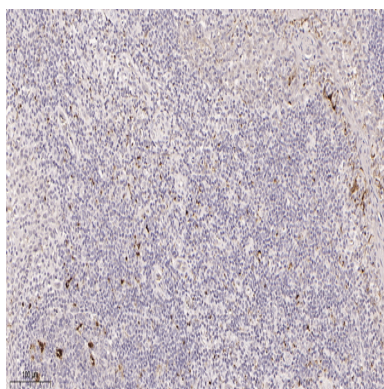
Cell localization: Cytoplasm. protein tyrosine kinase 2 (PTK2) Homo sapiens This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member 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, but the full-length nature of only four of them have been determined. [provided by RefSeq, Oct 2015],

## Research Area

## Image Data



Western blot analysis of lysates from HeLa cells, using FAK Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



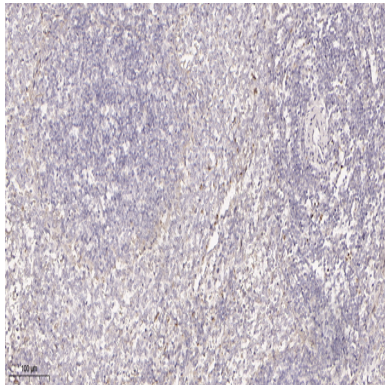
Immunohistochemical analysis of paraffin-embedded human tonsil tissue. 1, primary Antibody was diluted at 1:200 (4°C, overnight). 2, EDTA pH 9.0 was used for antibody retrieval (>98°C, 20 min). 3, Secondary antibody was diluted at

**Product Name: FAK Rabbit Monoclonal Antibody**  
**Catalog #: AMRe21537**

---



1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

### **Note**

For research use only.