

## PTK2

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50  
FC 1:20 - 1:50

**Calculated MW:**119 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human PTK2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK;

**Catalog #:**A11131

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**5747

**Isotype:**IgG

**Swiss Prot:**Q05397

**Purity:**Affinity purification

For research use only.

**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. Several transcript variants encoding different isoforms have been found for this gene, but the full-length natures of only four of them have been determined.

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