

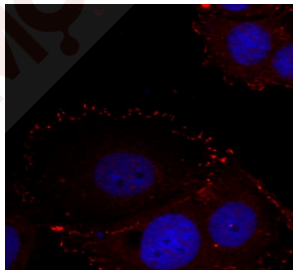
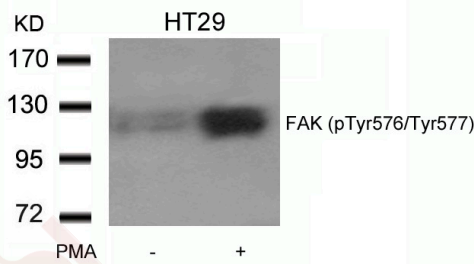
## Anti-Phospho-PTK2 (Tyr576, 577) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

### Applications

- Verified Activity:
- Western blot analysis of extracts from HT29 cells untreated or treated with PMA using FAK (phospho-Tyr576/Tyr577) Antibody TMAC-01434.
  - Immunofluorescence staining of methanol-fixed Hela cells using FAK (phospho-Tyr576/Tyr577) Antibody TMAC-01434.



Application: IF,WB

### Properties

- Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
- Shipping: Shipping with blue ice.

### Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 576/tyrosine 577 (S-T-Y(p)-Y(p)-K-A) derived from Human FAK
Antigen Species:	Human
Uniprot ID:	Q05397
Synonyms:	PTK2 (p-Y576, 577);p-PTK2 (Tyr576, 577);p-PTK2 (Y576, 577);PTK2 (p-Tyr576, 577)

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### Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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