Product Datasheet

FAK Rabbit mAb

Catalog No: #58801

Package Size: #58801-1 50ul #58801-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	FAK Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	10C3
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	FAK Antibody detects endogenous levels of total FAK
Immunogen Description	A synthesized peptide derived from human FAK
Target Name	FAK
Other Names	FAK; FADK; FAK1; FRNK; pp125FAK; PTK2;
Accession No.	Uniprot:Q05397
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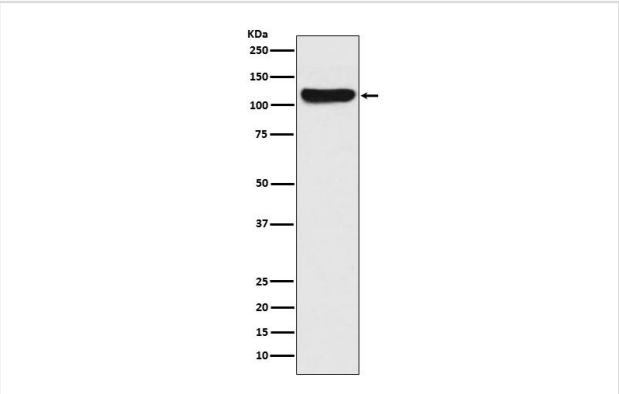
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

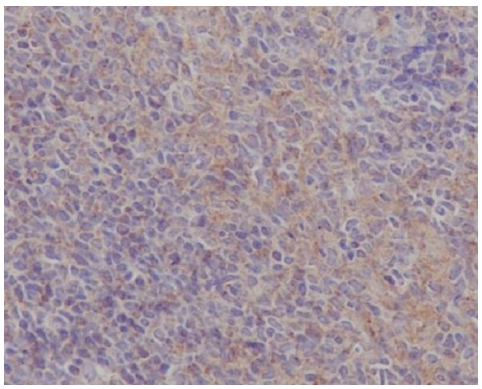
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30 FC 1:50

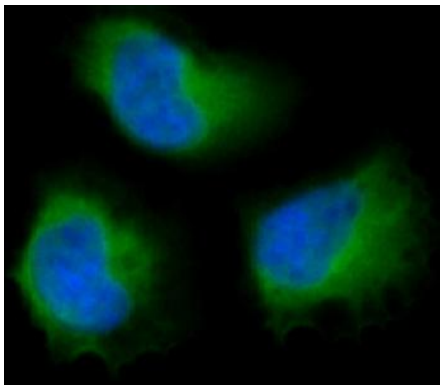
Images



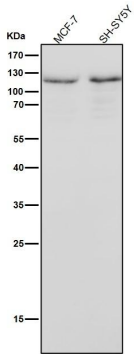
All Lanes: FAK Antibody at 1/ 2000 dilution.Lane1:HeLa cell lysate.Proteins at 20ug per laneSecondary: Goat Anti-Rabbit IgG(HRP) at 1/20000 dilutionPredicted band size : 119kDaObserved band size: 119kDa



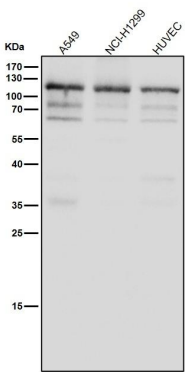
Immunohistochemical analysis of paraffin-embedded mouse spleen, using FAK Antibody.Tris-EDTA Buffer (pH9.0).



Immunofluorescent analysis of Hela cells, using FAK Antibody.4% polyformaldehyde fixed. 0.1% tritonX-100 permeable. DAPI stains the nucleus.



All Lanes: FAK Antibody at 1/ 2000 dilution.Lane1:MCF-7.Proteins at 20ug per laneLane2:SH-SY5Y.Proteins at 20ug per laneSecondary: Goat Anti-Rabbit IgG(HRP) at 1/20000 dilutionPredicted band size : 119kDaObserved band size: 119kDa



All Lanes: FAK Antibody at 1/ 2000 dilution.Lane1:A549.Lane2:NCI-H1299.Lane3:HUVEC.(Proteins at 20ug per lane)Secondary: Goat Anti-Rabbit IgG(HRP) at 1/20000 dilutionPredicted band size : 119kDaObserved band size: 119kDa

Product Description

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.

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.

Note: This product is for in vitro research use only