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Anti-FAK PTK2 Rabbit Monoclonal Antibody

Catalog Number: M00151

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Overview

Product Name	Anti-FAK PTK2 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FAK PTK2 Rabbit Monoclonal Antibody catalog # M00151. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal DDD-16
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q05397

Technical Details

Immunogen	A synthesized peptide derived from human FAK
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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	IHC, 1:50-200 ICC/IF, 1:50-200 IP, 1:30 FC, 1:50

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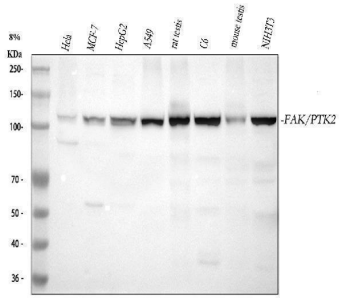
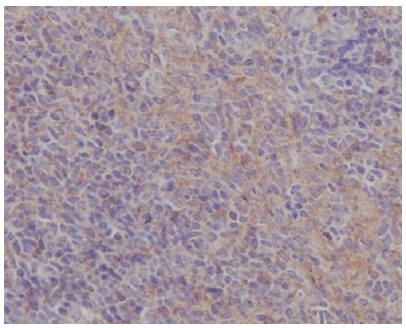
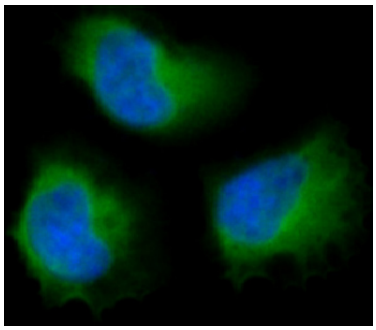
Anti-FAK PTK2 Rabbit Monoclonal Antibody (M00151) Images



Western blot analysis of FAK using anti-FAK antibody (M00151). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human HepG2 whole cell lysates, Lane 4: human A549 whole cell lysates, Lane 5: rat testis tissue lysates, Lane 6: rat C6 whole cell lysates, Lane 7: mouse testis tissue lysates, Lane 8: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-FAK antigen affinity purified monoclonal antibody (Catalog # M00151) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for FAK at approximately 119 kDa. The expected band size for FAK is at 119 kDa.



Immunohistochemical analysis of paraffin-embedded mouse spleen, using FAK Antibody.



Immunofluorescent analysis of Hela cells, using FAK Antibody.

2 Publications Citing This Product

1. PubMed ID: 25621028, Su Gq, Zhang Fx, Mao Hh, Liu Xw, Zheng Ys, Zhang Sy, Su Jj. Oncol Lett. 2015 Feb;9(2):595-603. Epub 2014 Nov 21. Research Of Shrnamir Inhibitory Effects Towards Focal Adhesion Kinase Expression In The Treatment Of Gastric Cancer.

2. PubMed ID: 31773683, Effect of celecoxib on protein expression of FAK and Cx43 in DMBA induced rat tongue carcinoma cells B-Z Shan 1, B

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antibody and ELISA experts

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Guo, Y-S Li, X-F Sun Eur Rev Med Pharmacol Sci. 2019 Nov;23(21):9454-9463. doi: 10.26355/eurrev_201911_19439.

Visit bosterbio.com/anti-fak-rabbit-monoclonal-antibody-m00151-boster.html to see all 2 publications.

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