BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FGF2/Fgf Basic Rabbit Monoclonal Antibody

Catalog Number: M00121

About FGF2

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDPK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Overview

Product Name	Anti-FGF2/Fgf Basic Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-FGF2/Fgf Basic Rabbit Monoclonal Antibody catalog # M00121. Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IP, WB
Clonality	Monoclonal AOHC-6
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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	P09038

Technical Details

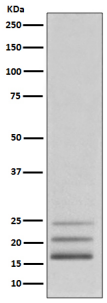
Immunogen	A synthesized peptide derived from human FGF2
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

	Boster Bio's internal QC testing used: WB 1:500-1:2000 IP 1:50 FC 1:50

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FGF2/Fgf Basic Rabbit Monoclonal Antibody (M00121) Images



Western blot analysis of FGF2 expression in K562 cell lysate.

3 Publications Citing This Product

1. PubMed ID: 26870239, Effect of CPU-XT-008, a combretastatin A-4 analogue, on the proliferation, apoptosis and expression of vascular endothelial growth factor and basic fibroblast growth factor in human umbilical vein endothelial cells

2. PubMed ID: 25913359, Hu C, Zhang T, Ren B, Deng Z, Cai L, Lei J, Ping A. Med Sci Monit. 2015 Apr 27;21:1200-6. Doi: 10.12659/Msm.892939. Effect Of Vacuum-Assisted Closure Combined With Open Bone Grafting To Promote Rabbit Bone Graft Vascularization.

3. PubMed ID: 23129015, Advanced glycation end-products stimulate basic fibroblast growth factor expression in cultured M?ller cells

Visit bosterbio.com/anti-fgf2-rabbit-monoclonal-antibody-m00121-boster.html to see all 3 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.