

Anti-FGF2/Fgf Basic Rabbit Monoclonal Antibody

Catalog Number: M00121

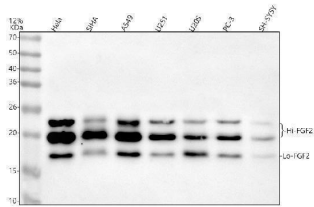
Overview

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, IHC, IP, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IP, IHC, WB
Clonality	Monoclonal AOHC-6
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	P09038

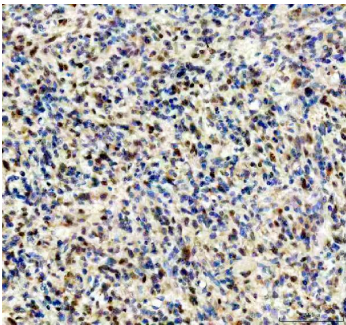
Technical Details

Immunogen	A synthesized peptide derived from human FGF2
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 IP 1:20 FC 1:20

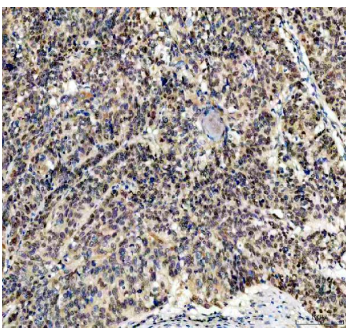
Anti-FGF2/Fgf Basic Rabbit Monoclonal Antibody (M00121) Images



Western blot analysis of FGF2 using anti-FGF2 antibody (M00121). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 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 SIHA whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: human U251 whole cell lysates, Lane 5: human U2OS whole cell lysates, Lane 6: human PC-3 whole cell lysates, Lane 7: human SH-SY5Y 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-FGF2 antigen affinity purified monoclonal antibody (M00121) 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 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for FGF2 at approximately 18,22,24 kDa. The expected band size for FGF2 is at 31 kDa.



IHC analysis of FGF2 using anti-FGF2 antibody (M00121). FGF2 was detected in a paraffin-embedded section of human glioma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1: 50 rabbit anti-FGF2 Antibody (M00121) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of FGF2 using anti-FGF2 antibody (M00121). FGF2 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1: 50 rabbit anti-FGF2 Antibody (M00121) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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.

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