

Anti-Fibroblast growth factor 2 FGF2 Antibody

Catalog Number: PA1032

About FGF2

FGF2 has been implicated in a multitude of physiologic and pathologic processes, including limb development, angiogenesis, wound healing, and tumor growth. FGF2 belongs to the fibroblast growth factor (FGF) family. Fibroblast growth factors (FGFs) exhibit widespread mitogenic and neurotrophic activities. Nine members of the family are currently known, and FGF-1 and FGF-2 are present in relatively high levels in CNS. FGF-2 is expressed by at low levels in many tissues and cell types and reaches high concentrations in brain and pituitary.

Overview

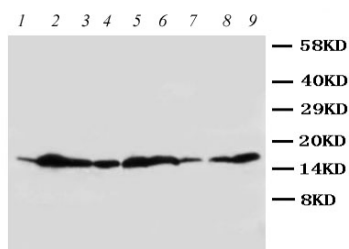
Product Name	Anti-Fibroblast growth factor 2 FGF2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Fibroblast growth factor 2 FGF2 Antibody catalog # PA1032. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Conjugate	FITC
Application	IHC, WB
Clonality	Monoclonal BAM-10
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.
Host	Hamster
Uniprot ID	P09038

Technical Details

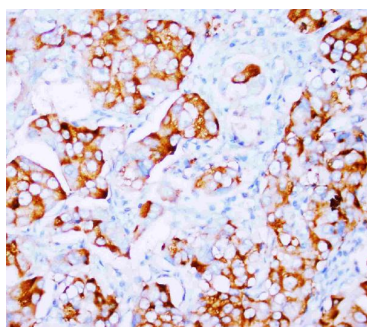
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human FGF2, identical to the related rat and mouse sequences.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Purification	Immunogen Affinity Purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Rat, Mouse, By Heat</p> <p>Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse</p>

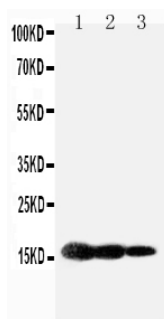
Anti-Fibroblast growth factor 2 FGF2 Antibody (PA1032) Images



Anti-FGF2 antibody, PA1032, Western blotting
Lane 1: Recombinant Human FGF2 Protein 10ng
Lane 2: Recombinant Human FGF2 Protein 5ng
Lane 3: Recombinant Human FGF2 Protein 2



Anti-FGF2 antibody, PA1032, IHC(P)
IHC(P): Human Mammary Cancer Tissue



Anti-FGF2 antibody, PA1032, Western blotting
Lane 1: Recombinant Human FGF2 Protein 10ng
Lane 2: Recombinant Human FGF2 Protein 5ng
Lane 3: Recombinant Human FGF2 Protein 2

3 Publications Citing This Product

1. PubMed ID: 25999285, Wang J, Wang Z, Yao Y, Wu J, Tang X, Gu T, Li G. Tuberculosis (Edinb). 2015 Jul;95(4):505-14. Doi: 10.1016/J.Tube.2015.04.006. Epub 2015 May 9. The Fibroblast Growth Factor-2 Arrests Mycobacterium Avium Sp. Paratuberculosis Growth And Immunomodula...
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: 23352645, Zhou B, Ma R, Si W, Li S, Xu Y, Tu X, Wang Q. Cancer Lett. 2013 Jun 10;333(2):159-69. Doi: 10.1016/J.Canlet.2013.01.028. Epub 2013 Jan 22. Microrna-503 Targets Fgf2 And Vegfa And Inhibits Tumor Angiogenesis And Growth.

Visit bosterbio.com/anti-fgf2-antibody-pa1032-boster.html to see all 3 publications.

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