

Product Datasheet

FGF basic/FGF2/bFGF Antibody (OTI3D9) NBP1-47749

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-47749**FGF basic/FGF2/bFGF Antibody (OTI3D9)**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3D9
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	30.6 kDa

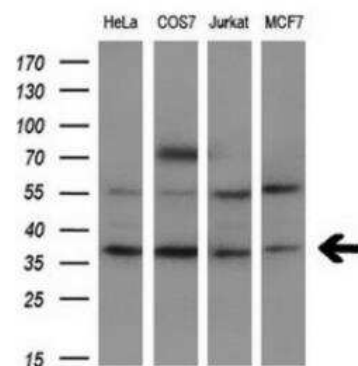
Product Description	
Host	Mouse
Gene ID	2247
Gene Symbol	FGF2
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27007053). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 10-155 of human bFGF (NP_001997) produced in E.coli.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50
Application Notes	For IHC-P: Heat-induced epitope retrieval with 10mM Sodium Citrate Buffer (pH 6.0 at 100C for 10min is recommended.

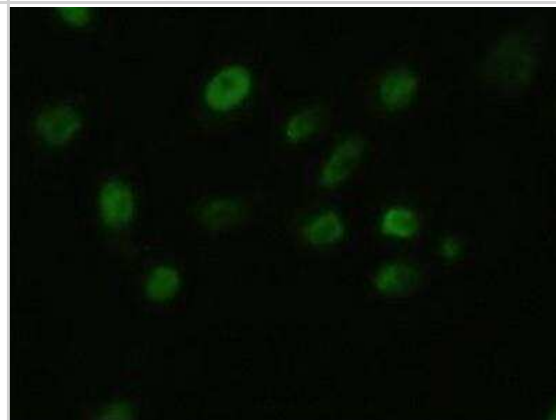


Images

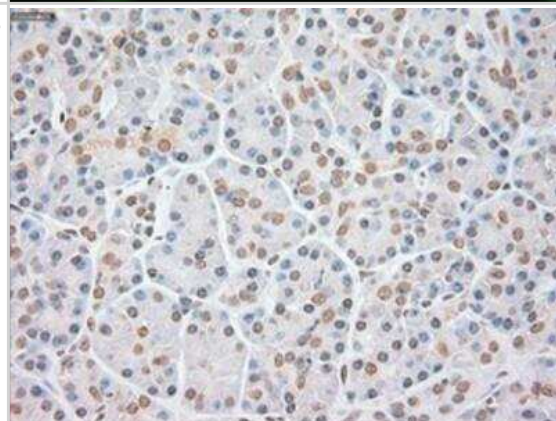
Western Blot: FGF basic/FGF2 Antibody (3D9) [NBP1-47749] - Analysis of extracts (10ug) from 4 different cell lines by using anti-BFGF monoclonal antibody at 1:200 dilution



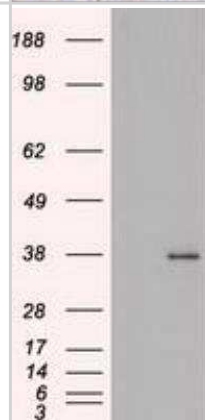
Immunocytochemistry/Immunofluorescence: FGF basic/FGF2 Antibody (3D9) [NBP1-47749] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY BFGF.



Immunohistochemistry-Paraffin: FGF basic/FGF2 Antibody (3D9) [NBP1-47749] - Staining of paraffin-embedded Human pancreas tissue using anti-BFGF mouse monoclonal antibody.



Western Blot: FGF basic/FGF2 Antibody (3D9) [NBP1-47749] - FGF-2 antibody (3D9) at 1:1000 + Recombinant human bFGF.



Publications

Yusoff FM, Maruhashi T, Kawano KI et al. Bach1 Plays an Important Role in Angiogenesis Through Regulation of Oxidative Stress Microvascular research 2020-12-26 [PMID: 33373621] (WB, Mouse)

Akl MR, Nagpal P, Ayoub NM et al. Molecular and clinical significance of fibroblast growth factor 2 (FGF2 /bFGF) in malignancies of solid and hematological cancers for personalized therapies Oncotarget 2016-07-12 [PMID: 27007053] (ICC/IF, WB, Mouse)





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Products Related to NBP1-47749

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-34921-10ug	Recombinant Human FGF basic/FGF2/bFGF Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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