

Product Datasheet

FGF basic/FGF2/bFGF Antibody - Azide and BSA Free NB600-1536

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB600-1536

FGF basic/FGF2/bFGF Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	For the 0.1ml size we recommend reconstitution with 0.1ml deionized water. Rotate vial gently until powder dissolves. The 0.025ml size is provided in liquid format.
Isotype	IgG
Purity	Sterile filtered
Buffer	Lyophilized from 0.2 um filtered solution in 10mM PBS (pH 7.2)

Product Description	
Description	Novus Biologicals Rabbit FGF basic/FGF2/bFGF Antibody - Azide and BSA Free (NB600-1536) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-FGF basic/FGF2/bFGF Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2247
Gene Symbol	FGF2
Species	Human, Rat, Bovine, Equine
Reactivity Notes	Equine reactivity reported in scientific literature (PMID: 24035195).
Specificity/Sensitivity	Does not cross react with bovine FGF Acidic or bovine serum albumin.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to amino acids 1-24 of Cow FGF2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, ELISA indirect, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Bioactivity: Anti-FGF basic (1-24) was tested in cell culture using fetal bovine heart endothelial cells (ATCC CRL 1395) plated at low cell density. Various dilutions of Anti-FGF basic(1-24) were pre incubated at 37 C with FGF basic or FGF acidic for 2 hours. Anti-FGF basic (1-24) caused a dose-dependent decrease in the mitogenic activity of FGF basic such that a final dilution of 1:50 neutralized the bioactivity of 1 unit of FGF basic.



Publications

Hu H, Li W, Wei Y et al. Garcinoic Acid Improves Cardiac Function and Enhances Angiogenesis Following Myocardial Infarction Research Square 2021-02-12

Katta K, Boersema M, Adepu S et al. Renal Heparan Sulfate Proteoglycans Modulate Fibroblast Growth Factor 2 Signaling in Experimental Chronic Transplant Dysfunction. Am J Pathol. 2013-09-11 [PMID: 24035513] (ELISA, Rat)

de Ruijter-Villani M, van Boxtel PR, Stout TA. Fibroblast growth factor-2 expression in the preimplantation equine conceptus and endometrium of pregnant and cyclic mares. Theriogenology. 2013-09-11 [PMID: 24035195] (IHC-P, Horse)





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Products Related to NB600-1536

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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