

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.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB600-1536

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB600-1536



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	
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, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
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 Boxel 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)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB600-1536

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

