

Product Datasheet

IGF-I/IGF-1 Antibody (IGF1/2872R) [Alexa Fluor® 350] NBP3-08416AF350

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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NBP3-08416AF350

IGF-I/IGF-1 Antibody (IGF1/2872R) [Alexa Fluor® 350]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	IGF1/2872R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 350
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	3479
Gene Symbol	IGF1
Species	Human, Mouse, Rat, Rabbit
Specificity/Sensitivity	This antibody is specific to Insulin-like Growth Factor (IGF-1) and shows minimal cross-reaction with IGF-11, Proinsulin, MSF, and Insulin. IGF-1 is a polypeptide growth factor with two isoforms that are produced by alternative splicing. Isoform 1 is also known as IGF-IB while isoform 2 is known as IGF-IA. IGF-1 stimulates the proliferation of a wide range of cell types including muscle, bone and cartilage tissue. It functions as an autocrine regulator of growth. Activation of IGF system has emerged as a key factor for tumor progression and resistance to apoptosis in many cancers like those of breast, thyroid and colon.
Immunogen	Recombinant full-length human IGF-I/IGF-1 protein (Uniprot: P05019)
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details

Applications	ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

IGF-I/IGF-1 Antibody (IGF1/2872R) [Alexa Fluor® 350] [NBP3-08416AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45

EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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Products Related to NBP3-08416AF350

NBP2-24891AF350	Rabbit IgG Isotype Control [Alexa Fluor® 350]
NBP2-35000-100ug	Recombinant Human IGF-I/IGF-1 Protein
D6050	IL-6 [HRP]
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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

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