

# Product Datasheet

## **IGF-I/IGF-1 Antibody (IGF1/2872R) [DyLight 680] NBP3-08416FR**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08416FR**

IGF-I/IGF-1 Antibody (IGF1/2872R) [DyLight 680]

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	DyLight 680
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	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

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.





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### **Products Related to NBP3-08416FR**

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NBP2-24891FR	Rabbit IgG Isotype Control [DyLight 680]
NBP2-35000-100ug	Recombinant Human IGF-I/IGF-1 Protein
D6050	IL-6 [HRP]
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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### **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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