

Product Datasheet

IGF-I/IGF-1 Antibody (IGF1/1020) [DyLight 594] NBP2-48001DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-48001DL594

IGF-I/IGF-1 Antibody (IGF1/1020) [DyLight 594]

| Product Information | |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | IGF1/1020 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | DyLight 594 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host | Mouse |
| 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 | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-48001DL594

| | |
|------------------|-------------------------------------------------------------|
| NBP1-43319DL594 | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 594] |
| NBP2-35000-100ug | Recombinant Human IGF-I/IGF-1 Protein |
| 236-EG-200 | EGF [Unconjugated] |
| 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.

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