

Product Datasheet

EphA2 Antibody (1C1) [Alexa Fluor® 532] NBP2-81069AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-81069AF532

EphA2 Antibody (1C1) [Alexa Fluor® 532]

| 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 | 1C1 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 532 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Human |
| Gene ID | 1969 |
| Gene Symbol | EPHA2 |
| Species | Human |
| Specificity/Sensitivity | 1C1 binds specifically to the amino-terminal LBD (ligand-binding domain) region of the EphA2 ectodomain (IgG1 KD ~0.8 nM; Fab KD ~140 nM) and not to other related human Eph receptors such as EphA1, EphA2, and EphA4, or any EphB receptor family members. |
| Immunogen | 1C1 was isolated after screening of a non-immunized human Fab phage library. Selection was based on the ability to bind soluble human recombinant EphA2 (residues 183-510). The Fab was subsequently converted to full length human IgG1. |
| 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 | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Block/Neutralize |
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Block/Neutralize |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-81069AF532

| | |
|-----------------|---|
| NBP3-06872AF532 | Human IgG1 Kappa Isotype Control [Alexa Fluor® 532] |
| DVE00 | VEGF [HRP] |
| 3035-A2-100 | EphA2 |
| NBP2-22203 | ERK1 Antibody (1E5) |

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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