

# Product Datasheet

## EphA2 Antibody (1C1) [Allophycocyanin] - Chimeric NBP2-52677APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52677APC**

EphA2 Antibody (1C1) [Allophycocyanin] - Chimeric

| 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                     | IgG Kappa  |
| Conjugate                   | Allophycocyanin  |
| Purity                      | Protein A purified   |
| Buffer                      | PBS  |
| Product Description         |  |
| Host                        | Rabbit   |
| Gene ID                     | 1969   |
| Gene Symbol                 | EPHA2  |
| Species                     | Human  |
| Reactivity Notes            | 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.                    |
| Product Application Details |  |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Agonist Activity, CyTOF-ready   |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Agonist Activity, CyTOF-ready   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |





### **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 NBP2-52677APC**

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|            |                               |
|------------|-------------------------------|
| DVE00      | VEGF [HRP]                    |
| 639-A2-200 | EphA2 [Unconjugated]          |
| NBP2-22203 | ERK1 Antibody (1E5)           |
| AF467      | EphB2 Antibody [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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