

# Product Datasheet

## CCR5 Antibody (45523) [DyLight 488] FAB181K

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB181K**

CCR5 Antibody (45523) [DyLight 488]

| 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               | 45523                                                                                       |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2b                                                                                       |
| Conjugate           | DyLight 488                                                                                 |
| Purity              | Protein A or G purified from hybridoma culture supernatant                                  |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                 | 1234                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol             | CCR5                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity | Can be used to detect CCR5 present on stimulated human PBMCs only after cells are fixed with 2% formaldehyde. It does not detect CCR5 on unfixed human PBMCs. It does not cross-react with CCR1, CCR2, or CCR3. For additional information regarding epitope specificity for this antibody and other R&D Systems anti-human CCR5 antibodies, see Lee, B. et al., 1999, J. Biol. Chem. <b>274</b> :9617. |
| Immunogen               | NS0 mouse myeloma cell line transfected with human CCR5 Met1-Leu352<br>Accession # P51681                                                                                                                                                                                                                                                                                                               |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                       |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Immunohistochemistry                                                   |
| Recommended Dilutions       | Immunohistochemistry                                                   |
| 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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to FAB181K**

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|                |                                                    |
|----------------|----------------------------------------------------|
| NBP2-27231G    | Mouse IgG2b Isotype Control (MPC-11) [DyLight 488] |
| NB100-56337PEP | CCR5 Antibody Blocking Peptide                     |
| 210-TA-005     | TNF-alpha [Unconjugated]                           |
| NBP2-09009     | CCR5 Overexpression Lysate                         |

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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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