

Product Datasheet

CXCR4 Antibody [Allophycocyanin] NBP1-77067APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-77067APC**CXCR4 Antibody [Allophycocyanin]**

| 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 | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | Allophycocyanin |
| Purity | Peptide affinity purified |
| Buffer | PBS |
| Product Description | |
| Host | Rabbit |
| Gene ID | 7852 |
| Gene Symbol | CXCR4 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (86%) |
| Specificity/Sensitivity | Human CXCR4 has four isoforms, including isoform a (356aa, 40.2kD), isoform b (352aa, 39.7kD), isoform c (423aa, 47.6kD), and isoform d (385aa, 43.4kD). This antibody detects human isoform b only, but not other human isoforms. Mouse CXCR4 has two isoforms, including isoform 1 (359aa, 40.4kD) and isoform 2 (357aa, 40.2kD). Rat CXCR4 has only one isoform identified so far (349aa, 39.4kD). CXCR4 Antibody is predicted to not cross-react with other CXCR family members. |
| Immunogen | Antibody was raised against a peptide corresponding to 14 amino acids near the amino terminus of human CXCR4 isoform b. The immunogen is located within the first 50 amino acids of CXCR4. Amino Acid Sequence: MEGISITYSDNYTE |
| Product Application Details | |
| Applications | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated, Knockout Validated |
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Knockout Validated, Knockdown Validated |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

CXCR4 Antibody [Allophycocyanin] [NBP1-77067APC] - Vial of APC conjugated antibody. APC is optimally excited at 650 nm by the Red laser (633 or 640 nm) and has an emission maximum of 660 nm.



Allophycocyanin (APC)

| LASER (nm) | FILTER |
|---------------|--------|
| Red (633,640) | 660/10 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 650 | 660 |



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Products Related to NBP1-77067APC

| | |
|----------------|---|
| IC1051A | Rabbit IgG Isotype Control (60024B) [Allophycocyanin] |
| NB100-56437PEP | CXCR4 Antibody Blocking Peptide |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NB100-74396PEP | CXCR4 Antibody Blocking Peptide |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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