

Product Datasheet

CXCR2/IL-8RB Antibody (48311.211) - BSA Free NB100-1631

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1631

CXCR2/IL-8RB Antibody (48311.211) - BSA Free

| Product Information | |
|----------------------|--|
| Unit Size | 0.1 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 48311.211 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a |
| Purity | Protein G purified |
| Buffer | Lyophilized from 0.2 mm-filtered solution in phosphate buffered saline containing carbohydrates. |

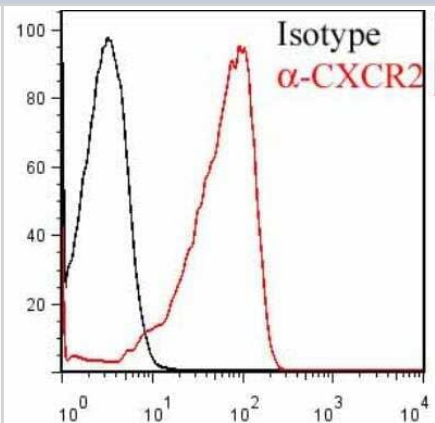
| Product Description | |
|--------------------------------|---|
| Description | Novus Biologicals Mouse CXCR2/IL-8RB Antibody (48311.211) - BSA Free (NB100-1631) is a monoclonal antibody validated for use in Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 3579 |
| Gene Symbol | CXCR2 |
| Species | Human |
| Reactivity Notes | Human |
| Specificity/Sensitivity | Monoclonal Anti-Human CXCR-2 reacts with CXCR-2 transfected cells and not with the parent cell line by flow cytometry. The antibody shows no cross-reactivity with human CXCR-1. |
| Immunogen | Human CXCR2 transfected NSO mouse myeloma cells. |
| Endotoxin Note | Endotoxin level is <10 ng/mg antibody as determined by the LAL method. |

| Product Application Details | |
|------------------------------|---|
| Applications | Flow Cytometry, Block/Neutralize |
| Recommended Dilutions | Flow Cytometry 1:10-1:1000, Block/Neutralize 0.5 - 1.5 ul/ml |
| Application Notes | The antibody will neutralize human cell surface CXCR-2 mediated-myeloperoxidase release from human granulocytes induced by GROa. It will not block myeloperoxidase release induced by IL-8. Monoclonal Anti-Human CXCR-2 may be used to detect CXCR-2 present on human blood cells by flow cytometry. The antibody may be used to neutralize human cell surface CXCR-2 mediated bioactivity. For neutralization, a working concentration of 0.5-1.5 ug/ml of antibody will block 50% of the bioactivity due to 1 ug/ul recombinant human GROa in an assay measuring myeloperoxidase released from human granulocytes. For flow cytometry, the use of 10 ul at 25 ug/ml into a cell suspension containing 1-2.5 x 10 ⁶ human blood cells is recommended. The volume of cell suspension can be variable. The volume of cell suspension must not exceed 200 ul. |



Images

Flow Cytometry: CXCR2/IL-8 RB Antibody (48311.211) [NB100-1631] - Staining CXCR2 in Human PBMC by Flow cytometry. Cells were fixed in formaldehyde. Primary antibody used at a 1/100 dilution and incubated for 1 hour.





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Products Related to NB100-1631

| | |
|------------|--|
| NBL1-11969 | CXCR2/IL-8RB Overexpression Lysate |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96778 | Mouse IgG2a Isotype Control (M2A) |

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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