

Product Datasheet

CXCR1/IL-8RA Antibody (SE2) - Chimeric - Azide and BSA Free **NBP3-12003-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP3-12003-0.2mg

CXCR1/IL-8RA Antibody (SE2) - Chimeric - Azide and BSA Free

| Product Information | |
|---------------------|--|
| Unit Size | 0.2 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C. |
| Clonality | Monoclonal |
| Clone | SE2 |
| Preservative | 0.02% Proclin 300 |
| Isotype | IgG Kappa |
| Purity | Protein A purified |
| Buffer | PBS |

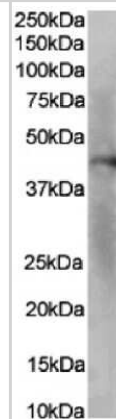
| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Rabbit CXCR1/IL-8RA Antibody (SE2) - Chimeric - Azide and BSA Free (NBP3-12003) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 3577 |
| Gene Symbol | CXCR1 |
| Species | Human |
| Specificity/Sensitivity | SE2 antibody is specific for CXCR1/IL-8RA and does not cross-react with IL-8RB. CXCR1/IL-8RA is a receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. |
| Immunogen | This antibody was raised by immunizing BALB/c mice with a BSA-conjugated peptide comprising of the N-terminal part of CXCR1/IL-8RA (amino acids 1-30). |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence |
| Application Notes | This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques. |

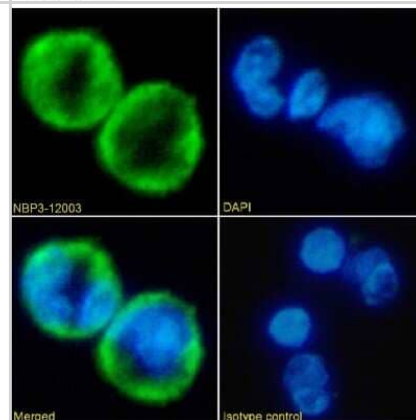


Images

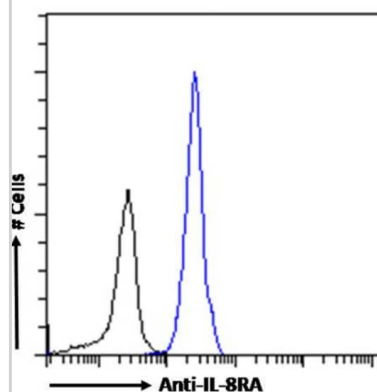
Western Blot: CXCR1/IL-8RA Antibody (SE2) - Chimeric [NBP3-12003] - Human lymph node tissue lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SE2 (NBP3-12003) at 0.1 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: CXCR1/IL-8RA Antibody (SE2) - Chimeric [NBP3-12003] - Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix (TM) coverslips stained with the chimeric rabbit IgG version of SE2 (NBP3-12003) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12003, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: CXCR1/IL-8RA Antibody (SE2) - Chimeric - Azide and BSA Free [NBP3-12003] - Paraformaldehyde fixed human peripheral blood monocytes were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-12003 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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Products Related to NBP3-12003-0.2mg

| | |
|-------------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| H00003577-P01-2ug | Recombinant Human CXCR1/IL-8RA GST (N-Term) Protein |

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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