

# Product Datasheet

## CXCR1/IL-8RA Antibody (SE2) [CoraFluor™ 1] NBP3-12004CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP3-12004CL1**

CXCR1/IL-8RA Antibody (SE2) [CoraFluor™ 1]

| 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. Do not freeze.   |
| Clonality           | Monoclonal  |
| Clone               | SE2   |
| Preservative        | No Preservative   |
| Isotype             | IgG2b Kappa   |
| Conjugate           | CoraFluor 1   |
| Purity              | Protein A purified  |
| Buffer              | PBS   |

| Product Description     |   |
|-------------------------|---|
| Description             | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| Host                    | Mouse   |
| 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).  |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Flow Cytometry, Immunohistochemistry                     |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-12004CL1**

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|                   |   |
|-------------------|---|
| H00003577-P01-2ug | Recombinant Human CXCR1/IL-8RA GST (N-Term) Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                            |
| NB600-1142PEP     | CXCR1/IL-8RA Antibody Blocking Peptide              |
| M6000B-1          | IL-6 [HRP]  |

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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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