

# Product Datasheet

## ChemR23/CMKLR1 Antibody (BZ194) [Alexa Fluor® 647] NBP3-11985AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11985AF647**

ChemR23/CMKLR1 Antibody (BZ194) [Alexa Fluor® 647]

| 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                   | BZ194                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                 | IgG2a Kappa                                                                                                                                                                                                                                                                                                                                                                                             |
| Conjugate               | Alexa Fluor 647                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity                  | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Host                    | Rat                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                 | 1240                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol             | CMKLR1                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                 | Mouse                                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity | This antibody is specific for murine serpentine receptor mChemR23/CMKLR1 (aka ChemR23, DEZ). mChemR23/CMKLR1 is a novel protein possessing high homology with members of the chemoattractant receptor family, and binds the chemoattractant chemerin. Selective mChemR23/CMKLR1 expression has been demonstrated by mouse macrophages ex vivo, and by dendritic cell precursors cultured in vitro.      |
| Immunogen               | This antibody was raised by immunising Wistar Furth rats with the mChemR23/CMKLR1 peptide/KLH conjugate. The immunizing amino-terminal mChemR23/CMKLR1 peptide with the sequence NH <sub>2</sub> -DSGIYDDEYSDGFGYFVDLEEASWC-COOH, corresponding to residues residues 8-32 of mChemR23/CMKLR1, with a nonnative carboxyl-terminal cysteine to facilitate conjugation to keyhole limpet hemocyanin (KLH). |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Application Details</b> |                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                  |

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**Products Related to NBP3-11985AF647**

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|                 |                                                            |
|-----------------|------------------------------------------------------------|
| NBP2-33376H     | Blue Marker Antibody (6F4-F6) [HRP]                        |
| NBP1-51104AF647 | Rat IgG2a Isotype Control (KLH/G2a-1-1) [Alexa Fluor® 647] |
| NBP2-13847PEP   | ChemR23/CMKLR1 Recombinant Protein Antigen                 |
| 210-TA-005      | TNF-alpha [Unconjugated]                                   |

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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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