

# Product Datasheet

## ChemR23/CMKLR1 Antibody (BZ194) [CoraFluor™ 1] NBP3-11984CL1

Unit Size: 0.1 ml

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

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**NBP3-11984CL1**

ChemR23/CMKLR1 Antibody (BZ194) [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	BZ194
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	<p>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(TM) 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.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p>
Host	Rabbit
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> -DSGIYDDEYSDGFGYFVDLEEASPPWC-COOH, corresponding to residues residues 8-32 of mChemR23/CMKLR1, with a nonnative carboxyl-terminal cysteine to facilitate conjugation to keyhole limpet hemocyanin (KLH).
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, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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**Products Related to NBP3-11984CL1**

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NBP2-13847PEP	ChemR23/CMKLR1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]
DLP00	Leptin/OB [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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