

Product Datasheet

CCRL2/CRAM-A/B Antibody (BZ5B8) - Chimeric - Azide and BSA Free

NBP3-11970-0.2mg

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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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	BZ5B8
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description

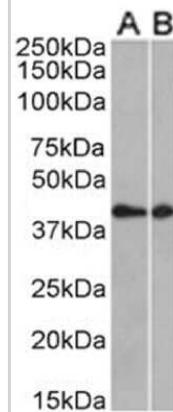
Host	Rabbit
Gene ID	9034
Gene Symbol	CCRL2
Species	Mouse
Specificity/Sensitivity	This antibody is specific for murine CCRL2/CRAM-A/B (formerly known as L-CCR), which is expressed on mast cells, activated macrophages, and endothelial cells. This receptor binds the leukocyte chemoattractant chemerin without triggering classical GPCR signaling, providing a specific mechanism for local enrichment of chemerin at inflammatory sites. CCRL2/CRAM-A/B presents active chemerin to leukocytes expressing the chemoattractant receptor CMKLR1/Chemr23. Chemerin can block anti-CCRL2/CRAM-A/B antibody binding.
Immunogen	This antibody was raised by immunising Wistar Furth rats with the mCCRL2/CRAM-A/B peptide/KLH conjugate. The immunizing amino-terminal mCCRL2/CRAM-A/B peptide with the sequence NH2-MDNYTVAPDDEYDVILDDYLDNSC-COOH, corresponding to residues 1-24 of mCCRL2/CRAM-A/B, with a nonnative carboxyl-terminal cysteine to facilitate conjugation to keyhole limpet hemocyanin (KLH).

Product Application Details

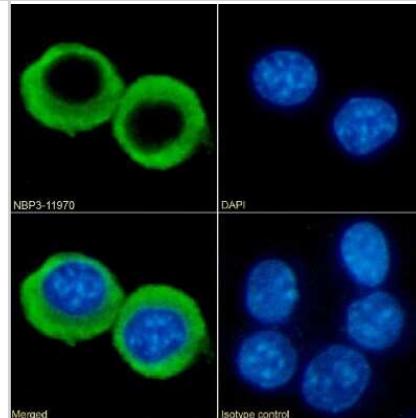
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Functional Assay
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Functional Assay
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Images

Western Blot: CCRL2/CRAM-A/B Antibody (BZ5B8) - Chimeric [NBP3-11970] - Mouse thymus (A) and mouse brain (B) tissue lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of CCRL2 (NBP3-11970) at 0.5 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: CCRL2/CRAM-A/B Antibody (BZ5B8) - Chimeric [NBP3-11970] - Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of BZ5B8 (NBP3-11970) 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 NBP3-11970, 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.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00009034-P01-2ug	Recombinant Human CCRL2/CRAM-A/B GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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