Anti-CCL20 [AB1] Bulk Size Ab03417-1.1-BT

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse Fab format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Mouse IgG1, Kappa
Clone Number: AB1
Alternative Name(s) of Target: C-C motif chemokine 20; Beta-chemokine exodus-1; CC chemokine LARC; CC chemokine ST38; Liver and activation-regulated chemokine; Macrophage inflammatory protein 3 alpha; MIP-3-alpha; Small-inducible cytokine A20
UniProt Accession Number of Target Protein: O89093
Published Application(s): in vitro, SPR, ELISA
Published Species Reactivity: Mouse
Immunogen:
Specificity: The antibody is specific for murine CCL20. The antibody does not recognise human CCL20.
Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. Capture ELISA was performed and the 1:1 binding kinetics and affinities were measured by surface plasmon resonance (Kd= 2.3 nM). CCR6 Chinese hamster ovary (CHO)-K1 β-arrestin G protein–coupled receptor functional assay was performed to measure the inhibition of the antibody (IC50= 30.7).
Antibody First Published in: Cannon et al. Experimentally guided computational antibody affinity maturation with de novo docking, modelling and rational design PLoS Comput Biol. 2019 May; 15(5): e1006980. PMID:31042706
Note on publication: The original paper describes the generation and computational affinity maturation of the antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.