



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CCL20 [AB1] Standard Size Ab03417-1.1

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 ( $K_d = 2.3$  nM). CCR6 Chinese hamster ovary (CHO)-K1  $\beta$ -arrestin G protein-coupled receptor functional assay was performed to measure the inhibition of the antibody ( $IC_{50} = 30.7$ ).

**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:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°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.