Overview

Product name: Anti-CCR2 antibody [7A7]
Description: Mouse monoclonal [7A7] to CCR2
Host species: Mouse
Specificity: The specificity of ab176390 was verified by flow cytometry with cells expressing the recombinant protein.

Tested applications:
Suitable for: IHC-P

Species reactivity:
Reacts with: Human

Immunogen:
Other Immunogen Type corresponding to Human CCR2. (DNA vaccine).
Database link: P41597

Positive control:
IHC-P: Human tonsil tissue.

Properties

Form: Liquid

Storage instructions:

Storage buffer:
pH: 7.20
Constituents: 0.5% BSA, 0.1% Kathon, PBS

Purity: Protein G purified

Purification notes:
ab176390 was affinity purified from serum-free cell culture supernatant.

Clonality: Monoclonal

Clone number: 7A7

Isotype: IgG2a

Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab176390 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Receptor for the MCP-1, MCP-3 and MCP-4 chemokines. Transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.

Sequence similarities
Belongs to the G-protein coupled receptor 1 family.

Post-translational modifications
N-glycosylated.

Cellular localization
Cell membrane.

Images

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil tissue labeling CCR2 with ab176390 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCR2 antibody [7A7] (ab176390)

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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