Human CCR5 Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 45523

Catalog Number: FAB181V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Can be used to detect CCR5 present on stimulated human PBMCs only after cells are fixed with 2% formaldehyde. It does not detect CCR5 on unfixed human PBMCs. It does not cross-react with CCR1, CCR2, or CCR3. For additional information regarding epitope sp
Source	Monoclonal Mouse IgG_{2B} Clone # 45523
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CCR5 Met1-Leu352 Accession # P51681
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CCR5 is a G protein-linked seven transmembrane domain chemokine receptor. CCR5 serves as a receptor for several chemokines including MIP-1α, MIP-1β, MCP-2, and RANTES. It also functions as a coreceptor for Macrophage Tropic HIV-1 infection.

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