

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCR5 in direct ELISAs and Western blots. For additional information regarding epitope specificity for this antibody and other R&D Systems anti-human CCR5 antibodies, see reference 1 below.
Source	Monoclonal Mouse IgG ₁ Clone # CTC8
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	CHO Chinese hamster ovary cell line transfected with human CCR5
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	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 co-receptor for Macrophage Tropic HIV-1 infection.

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