

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCL5/RANTES in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody does not cross-react with other chemokines, including recombinant human CCL2, 3, 4, recombinant mouse (rm) CCL3, and rmCCL4.
Source	Monoclonal Mouse IgG ₁ Clone # 21445
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CCL5/RANTES
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	Human CCL5/RANTES transfected NS0 cells fixed with paraformaldehyde and permeabilized with saponin

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

RANTES (Regulated upon Activation, Normal T cell Expressed and presumably Secreted) is a member of the β (C-C) chemokine subfamily and is now designated CCL5. It binds and activates the chemokine receptors CCR1, 3 and 5.

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