Mouse CXCR1/IL-8 RA APC-conjugated Antibody

Recombinant Monoclonal Rabbit IgG Clone # 1122A
Catalog Number: FAB8628A
25 Tests, 100 Tests

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CXCR1 transfectants but not CXCR2 transfectants in flow cytometry.
Source	Recombinant Monoclonal Rabbit IgG Clone # 1122A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	A peptide corresponding to the N-terminal amino acid sequence of mouse CXCR1 Accession # NP_839972
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm
Formulation	Supplied 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.

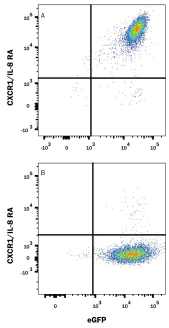
APPLICATIONS

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
Flow Cytometry	10 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of CXCR1/IL-8 RA in HEK293 Human Cell Line Transfected With Mouse CXCR1/IL-8 RA and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with either (A) mouse CXCR1/IL-8 RA or (B) mouse CXCR2/IL-8 RB and eGFP was stained with Rabbit Anti-Mouse CXCR1/IL-8 RA APC-conjugated Monoclonal Antibody (Catalog # FAB8628A). Quadrant markers were set based on control antibody staining (Catalog # IC105A). View our protocol for Staining Membrane-associated Proteins.

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

CXCR1 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds to mouse GCP-2, which is a powerful chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. The chemokine receptors CXCR1 and CXCR2 play an important role in mediating neutrophil recruitment and neutrophil-dependent injury in several models of inflammation.

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