

DESCRIPTION

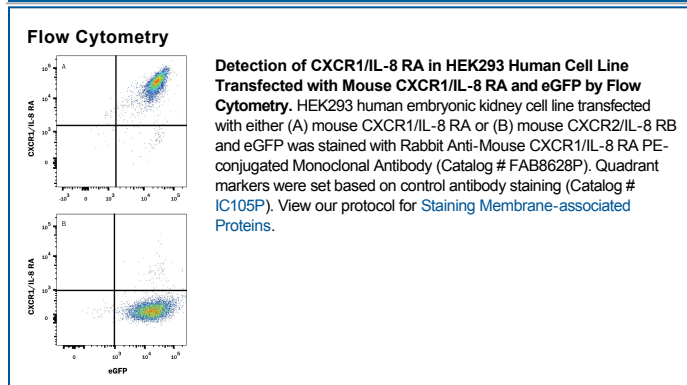
Species Reactivity	Mouse
Specificity	Detects mouse CXCR1 transfectants but not CXCR2 transfectants in flow cytometry.
Source	Recombinant Monoclonal Rabbit IgG Clone # 1122A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	A peptide corresponding to the N-terminal amino acid sequence of mouse CXCR1 Accession # NP_839972
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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 μ L/ 10^6 cells	See Below

DATA



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. <ul style="list-style-type: none"> ● 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.