

#### DESCRIPTION

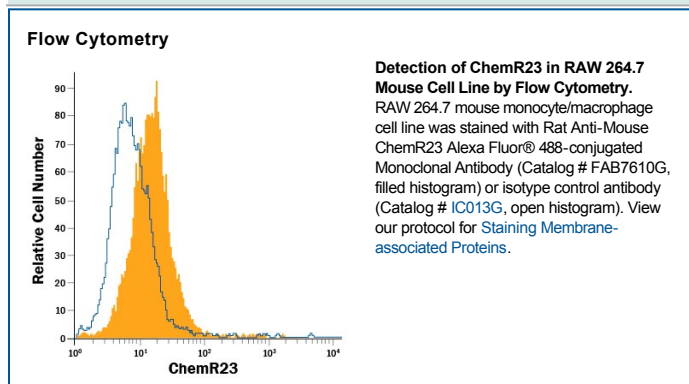
<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse ChemR23 in flow cytometry.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 477806
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with mouse ChemR23
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	5 µL/10 <sup>6</sup> 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.**

- 12 months from date of receipt, 2 to 8 °C as supplied.

#### BACKGROUND

ChemR23 is a chemoattractant receptor expressed on dendritic cells and inflammatory M1 macrophages. ChemR23 binds Chemerin and Resolvin E1 (a lipid mediator), and promotes inflammation resolution. ChemR23 also functions as a coreceptor for SIV and some primary HIV-1 strains (1,2). Mouse and human ChemR23 share 80% amino acid sequence identity.

#### References:

1. Samson, M. *et al.* (1998) *Eur. J. Immunol.* **28**:1689.
2. Herova, M. *et al.* (2015) *J. Immunol.* **194**:2330.

#### PRODUCT SPECIFIC NOTICES

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