

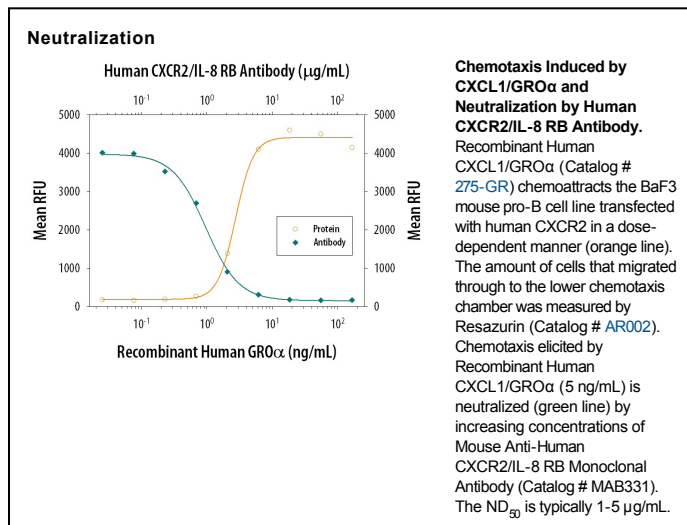
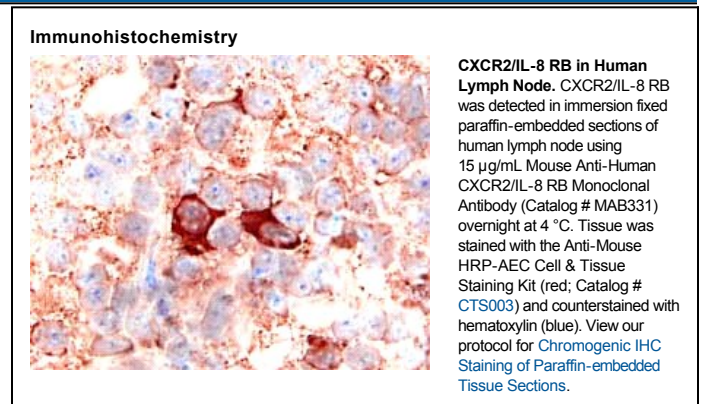
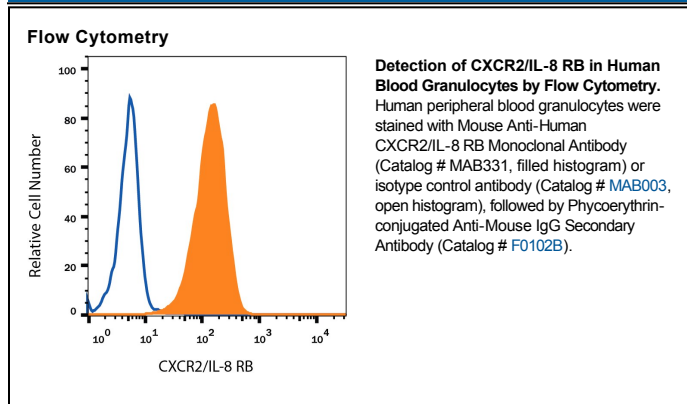
DESCRIPTION	
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CXCR2/IL-8 RB transfected NS0 cells but not the parental cell line. It does not cross-react with CXCR1 (IL-8 RA).
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 48311
<b>Purification</b>	Protein A or G purified from ascites
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human CXCR2/IL-8 RB Met1-Leu355 Accession # AAB25880
<b>Endotoxin Level</b>	<0.10 EU per 1 µg of the antibody by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

## 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
<b>Flow Cytometry</b>	0.25 µg/10 <sup>6</sup> cells	See Below
<b>Immunohistochemistry</b>	8-25 µg/mL	See Below
<b>CytoF-ready</b>	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	
<b>Neutralization</b>	Measured by its ability to neutralize CXCL1/GROα/KC/CINC-1-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CXCR2. The Neutralization Dose (ND <sub>50</sub> ) is typically 1-5 µg/mL in the presence of 5 ng/mL Recombinant Human CXCL1/GROα/KC/CINC-1.	

## DATA



## PREPARATION AND STORAGE

**Reconstitution** Reconstitute at 0.5 mg/mL in sterile PBS.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.  
\*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

**Stability & Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## BACKGROUND

CXCR2, also known as IL-8 RB, is a G protein-coupled chemokine receptor expressed on neutrophils. It binds IL-8, GRO $\alpha$ , GRO $\beta$ , GRO $\gamma$ , NAP-2, and ENA-78.