

DESCRIPTION

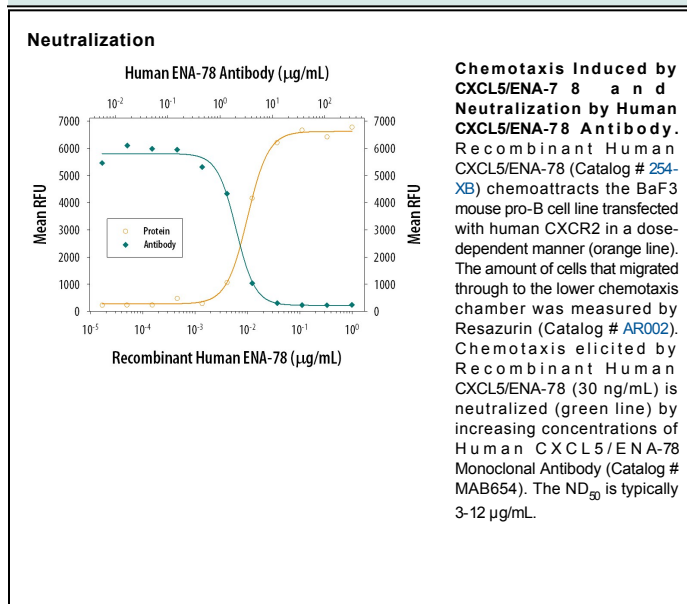
Species Reactivity	Human
Specificity	Detects human CXCL5/ENA-78 in ELISAs. Does not cross-react with recombinant human CXCL1, 2, or 3.
Source	Monoclonal Mouse IgG ₁ Clone # 33170
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CXCL5/ENA-78 Ala37-Asn114 Accession # P42830
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	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
Intracellular Staining by Flow Cytometry	2.5 µg/10 ⁶ cells	Human peripheral blood mononuclear cells treated with LPS, fixed with paraformaldehyde, and permeabilized with saponin
Human CXCL5/ENA-78 Sandwich Immunoassay		Reagent
ELISA Capture	2-8 µg/mL	Human CXCL5/ENA-78 Antibody (Catalog # MAB654)
ELISA Detection	0.1-0.4 µg/mL	Human CXCL5/ENA-78 Biotinylated Antibody (Catalog # BAF254)
Standard		Recombinant Human CXCL5/ENA-78 (Catalog # 254-XB)
Neutralization		Measured by its ability to neutralize CXCL5/ENA-78-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CXCR2. The Neutralization Dose (ND ₅₀) is typically 3-12 µg/mL in the presence of 30 ng/mL Recombinant Human CXCL5/ENA-78.

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

CXCL5, also known as ENA-78, is a CX chemokine that plays a role in inflammatory responses and angiogenesis.