

DESCRIPTION

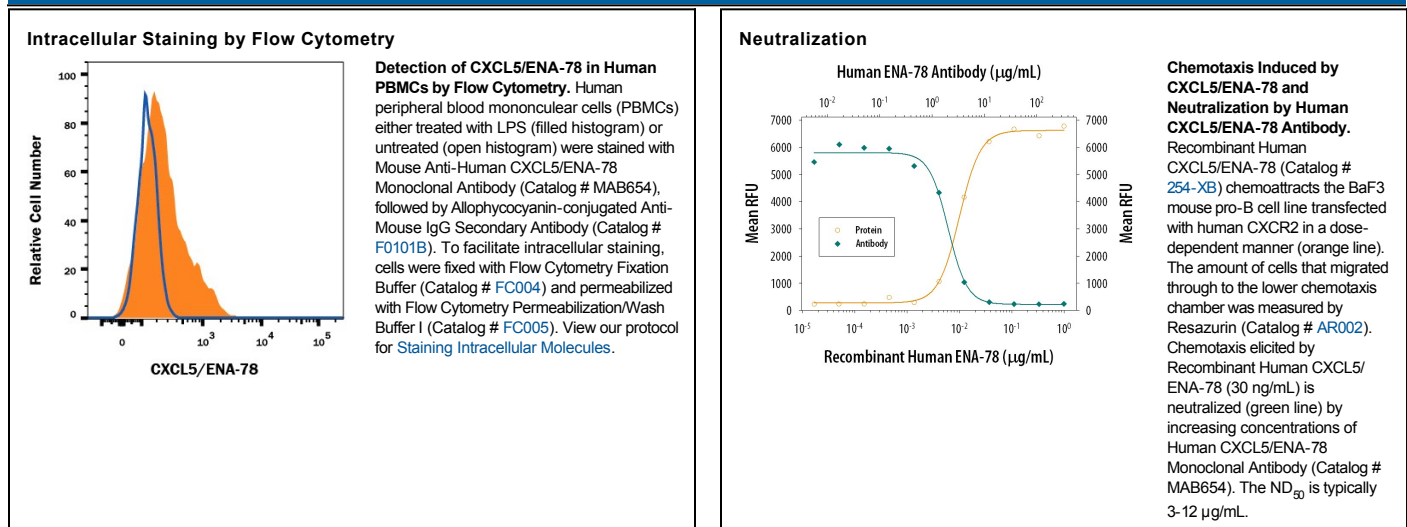
Species Reactivity	Human
Specificity	Detects human CXCL5/ENA-78 in ELISAs. Does not cross-react with recombinant human CXCL1, 2, or 3.
Source	Monoclonal Mouse IgG ₁ Clone # 33170
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CXCL5/ENA-78 Ala37-Asn114 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	0.25 µg/10 ⁶ cells	See Below
Human CXCL5/ENA-78 Sandwich Immunoassay		Reagent
ELISA Capture	2-8 µg/mL	Human CXCL5/ENA-78 Antibody (Catalog # MAB654)
ELISA Detection Standard	0.1-0.4 µg/mL	Human CXCL5/ENA-78 Biotinylated Antibody (Catalog # BAF254) Recombinant Human CXCL5/ENA-78 (Catalog # 254-XB)
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	
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 CXC chemokine that plays a role in inflammatory responses and angiogenesis.