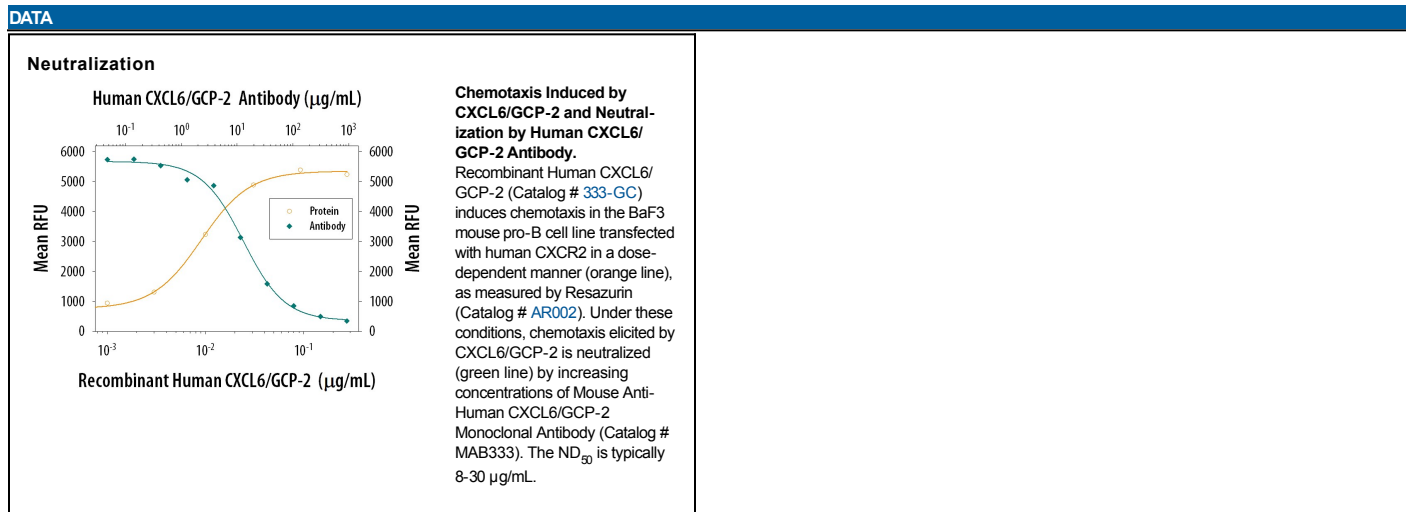


DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human CXCL6/GCP-2 in ELISAs and Western blots. In sandwich immunoassays, less than 0.04% cross-reactivity with recombinant human (rh) NAP-2, rhGRO α , rhGRO β , rhBLC, rhENA-78, recombinant mouse (rm) CXCL6, rmMIP-2, rhIL-8, rhIP-10, rhMIG, rhSDF-1 α , and rhSDF-1 β is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 60910
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CXCL6/GCP-2 Val40-Asn114 Accession # P80162
Endotoxin Level	<0.10 EU per 1 μ g of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m filtered solution in PBS.

APPLICATIONS		
Please Note: Optimal dilutions should be determined by each laboratory for each application. <i>General Protocols</i> are available in the <i>Technical Information</i> section on our website.		
	Recommended Concentration	Sample
Western Blot	1 μ g/mL	Recombinant Human CXCL6/GCP-2 (Catalog # 333-GC)
Human CXCL6/GCP-2 Sandwich Immunoassay		Reagent
ELISA Capture	2-8 μ g/mL	Human CXCL6/GCP-2 Antibody (Catalog # MAB333)
ELISA Detection Standard	0.1-0.4 μ g/mL	Human CXCL6/GCP-2 Biotinylated Antibody (Catalog # BAF333) Recombinant Human CXCL6/GCP-2 (Catalog # 333-GC)
Neutralization	Measured by its ability to neutralize CXCL6/GCP-2-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CXCR2. The Neutralization Dose (ND ₅₀) is typically 8-30 μ g/mL in the presence of 80 ng/mL Recombinant Human CXCL6/GCP-2.	



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
CXCL6, also known as Granulocyte Chemotactic Protein 2 (GCP-2), belongs to the CXC chemokine family. It functions as a neutrophil chemoattractant through interactions with CXCR2.