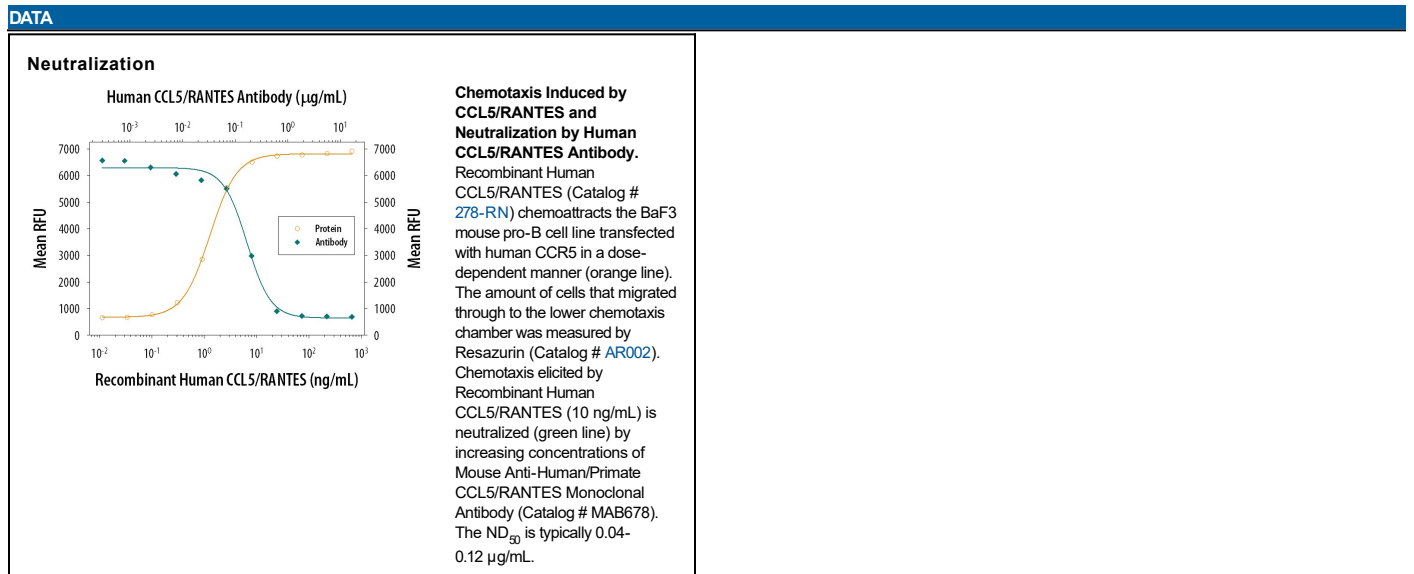


DESCRIPTION	
Species Reactivity	Human/Primate
Specificity	Detects human and primate CCL5/RANTES in direct ELISAs and Western blots. When used in combination with the biotinylated anti-human/primate CCL5/RANTES detection antibody (Catalog # BAF278) in sandwich ELISAs, no significant cross-reactivity or interference is observed with recombinant human (rh) ANG, rhCNTF, rhβ-ECGF, rhEGF, mouse (m) EGF, rhEpo, bovine (b) FGF acidic, rhFGF acidic, bFGF basic, rhFGF basic, rhFGF-4, rhG-CSF, rhGM-CSF, recombinant mouse (rm) GM-CSF, rhGROα, rhIFN-γ, rhIGF-I, rhIGF-II, rhIL-1α, rhIL-1α, rhIL-1β, rhIL-1β, rhIL-1ra, recombinant rat (rr) IL-1ra, rhIL-2, rhIL-3, rhIL-3, rhIL-4, rhIL-5, rhIL-5, rhIL-6, rhIL-6, rhIL-7, rhIL-7, rhIL-8, rhIL-9, rhIL-9, rhIL-10, rhIL-11, rhLIF, rhMCP-1, rhM-CSF, rhMIP-1α, rhMIP-1α, rhMIP-1β, rhMIP-1β, rhOSM, human (h) PDGF, pPDGF, rhPDGF-AA, rhPDGF-AB, rhPDGF-BB, rhSCF, rmSCF, rhSLPI, rhTGF-α, pTGF-β1, hTGF-β1, rhTGF-β1, pTGF-β2, rhTGF-β2, recombinant canine TGF-β3, rhTGF-β3, recombinant amphibian TGF-β5, rhTNF-α, rmTNF-α, or rmTNF-β.
Source	Monoclonal Mouse IgG ₁ Clone # 21418
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human CCL5/RANTES
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 either lyophilized or as a 0.2 μm 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.											
	<table border="1"> <thead> <tr> <th>Recommended Concentration</th> <th>Sample</th> </tr> </thead> <tbody> <tr> <td>1 μg/mL</td> <td>Recombinant Human CCL5/RANTES (Catalog # 278-RN)</td> </tr> <tr> <td>2-8 μg/mL</td> <td>Human/Primate CCL5/RANTES Antibody (Catalog # MAB678)</td> </tr> <tr> <td>0.1-0.4 μg/mL</td> <td>Human/Primate CCL5/RANTES Biotinylated Antibody (Catalog # BAF278)</td> </tr> <tr> <td></td> <td>Recombinant Human CCL5/RANTES (Catalog # 278-RN)</td> </tr> </tbody> </table>	Recommended Concentration	Sample	1 μg/mL	Recombinant Human CCL5/RANTES (Catalog # 278-RN)	2-8 μg/mL	Human/Primate CCL5/RANTES Antibody (Catalog # MAB678)	0.1-0.4 μg/mL	Human/Primate CCL5/RANTES Biotinylated Antibody (Catalog # BAF278)		Recombinant Human CCL5/RANTES (Catalog # 278-RN)
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Western Blot	Recombinant Human CCL5/RANTES (Catalog # 278-RN)										
Human/Primate CCL5/RANTES Sandwich Immunoassay	Reagent										
ELISA Capture	Human/Primate CCL5/RANTES Antibody (Catalog # MAB678)										
ELISA Detection Standard	Human/Primate CCL5/RANTES Biotinylated Antibody (Catalog # BAF278) Recombinant Human CCL5/RANTES (Catalog # 278-RN)										
Neutralization	Measured by its ability to neutralize CCL5/RANTES-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CCR5. The Neutralization Dose (ND ₅₀) is typically 0.04-0.12 μg/mL in the presence of 10 ng/mL Recombinant Human CCL5/RANTES.										



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

CCL5, also known as RANTES (Regulated upon Activation, Normal T cell Expressed and presumably Secreted) is a member of the β (C-C) chemokine subfamily. It binds and activates the chemokine receptors CCR1, 3 and 5.