

DESCRIPTION

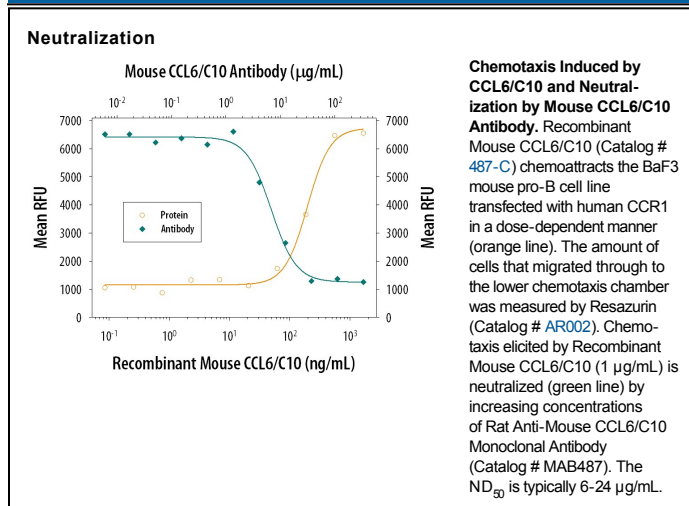
Species Reactivity	Mouse
Specificity	Detects mouse CCL6/C10 in Western blots. In Western blots, no cross-reactivity with recombinant human CCL1, 2, 3, 4, 5, 7, 8, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 28, recombinant mouse CCL3, 4, 9, 11, 12, 19, 20, 21, 22, 24, 25, 28, or recombinant rat CCL20 is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 262016
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse CCL6/C10 Gly22-Ala116 Accession # P27784
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
Western Blot	1 µg/mL	Recombinant Mouse CCL6/C10 (Catalog # 487-C) under non-reducing conditions only
Intracellular Staining by Flow Cytometry	2.5 µg/10 ⁶ cells	Mouse bone marrow macrophages fixed with paraformaldehyde and permeabilized with saponin
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 CCL6/C10-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CCR1. The Neutralization Dose (ND ₅₀) is typically 6-24 µg/mL in the presence of 1 µg/mL Recombinant Mouse CCL6/C10.

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

CCL6, also known as C10 and SCYA6, is a β chemokine with an extended N-terminus. CCL6 expression is induced by GM-CSF stimulation of monocytes and neutrophils and IL-4 stimulation of macrophages. CCL6 functions as a monocyte and macrophage chemoattractant.