

DESCRIPTION

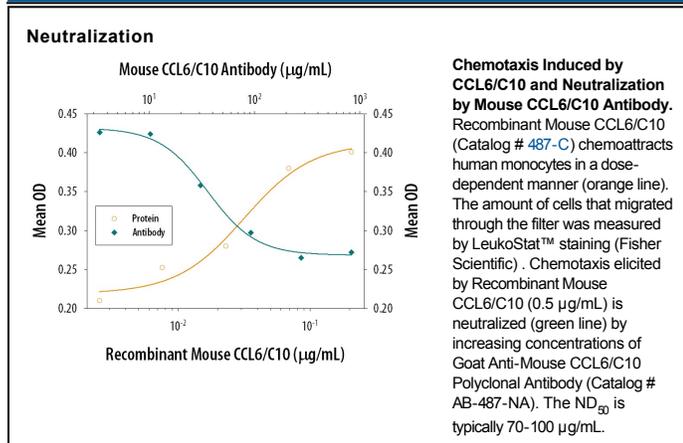
Species Reactivity	Mouse
Specificity	Detects mouse CCL6/C10 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Protein A or G purified
Immunogen	<i>E. coli</i> -derived recombinant mouse CCL6/C10 Gly22-Ala116 Accession # P27784
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

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)
Neutralization	Measured by its ability to neutralize CCL6/C10-induced chemotaxis in human monocytes. The Neutralization Dose (ND ₅₀) is typically 70-100 µg/mL in the presence of 0.5 µg/mL Recombinant Mouse CCL6/C10.	

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 1 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
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

Mouse CCL6, a member of the β subfamily of chemokines, was initially identified as a transcript that is induced in bone marrow cells upon stimulation with GM-CSF. A human homologue for mouse CCL6 has not been identified. The mCCL6 cDNA encodes a 116 amino acid residue precursor protein with a hydrophobic signal peptide that is cleaved to yield a 95 amino acid residue mature protein. Compared to other chemokines, mCCL6 has a large N-terminal extension. The expression of CCL6 mRNA has been detected in mouse monocytes and neutrophils, where it is strongly induced upon GM-CSF stimulation. CCL6 expression has also been detected in an IL-2-dependent T cell line, where the expression is inhibited following T cell stimulation. Mouse CCL6 expression was also shown to be strongly induced by IL-4 in mouse macrophages. The gene for CCL6 has been mapped to mouse chromosome 11.