

DESCRIPTION

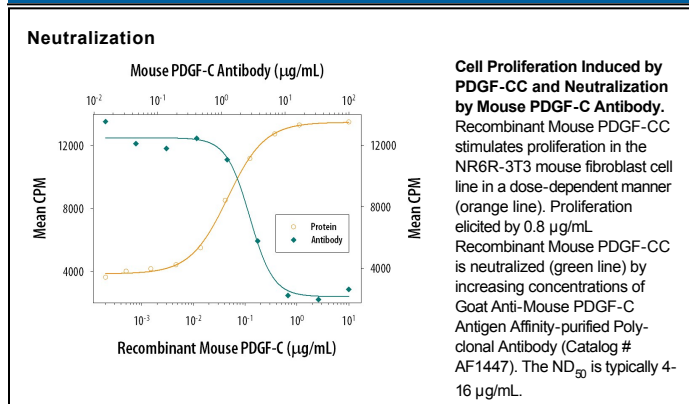
Species Reactivity	Mouse
Specificity	Detects mouse PDGF-C in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 20% cross-reactivity with recombinant human (rh) PDGF-CC is observed and less than 1% cross-reactivity with rhPDGF-AA, rhPDGF-BB, rhPDGF-D, and recombinant rat PDGF-AB is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse PDGF-CC Val235-Gly345 Accession # Q8C119
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	0.1 µg/mL	Recombinant Mouse PDGF-C
Immunohistochemistry	5-15 µg/mL	Perfusion fixed frozen sections of mouse kidney
Neutralization	Measured by its ability to neutralize PDGF-CC-induced proliferation in the NR6R-3T3 mouse fibroblast cell line. Raines, E. W. <i>et al.</i> (1985) <i>Methods Enzymol.</i> 109 :749. The Neutralization Dose (ND ₅₀) is typically 4-16 µg/mL in the presence of 0.8 µg/mL Recombinant Mouse PDGF-CC.	

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 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.