

DESCRIPTION

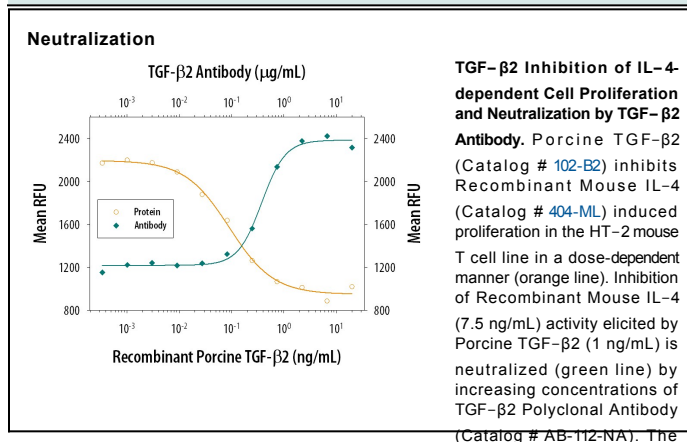
Specificity	Detects TGF-β2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody is highly specific for TGF-β2 and TGF-β1.2 but will cross-react with other TGF-β variants with at least 100-fold lower sensitivity. It will also neutralize the biological activity of TGF-β1.2, at a 50 fold higher IgG concentration.
Source	Polyclonal Goat IgG
Purification	Protein A or G purified
Immunogen	Porcine platelet-derived TGF-β2
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 Human TGF-β2 (Catalog # 302-B2)
Neutralization		Measured by its ability to neutralize TGF-β2 inhibition of IL-4-dependent proliferation in the HT-2 mouse T cell line [Tsang, M. <i>et al.</i> (1995) <i>Cytokine</i> 7:389]. The Neutralization Dose (ND ₅₀) is typically 0.3-1.5 µg/mL in the presence of 1 ng/mL Porcine TGF-β2 and 7.5 ng/mL Recombinant Mouse IL-4.

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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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.