

Polyclonal Rabbit IgG Catalog Number: AB-12-NA

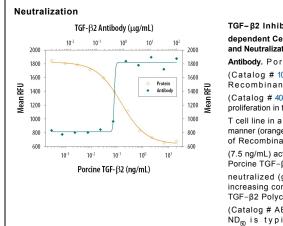
DESCRIPTION				
Specificity	Detects TGF-β2 and TGF-β1.2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 2% cross-reactivity with TGF-β3 and TGF-β1 is observed.			
Source	Polyclonal Rabbit IgG			
Purification	Protein A or G purified			
Immunogen	Porcine platelet-derived 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		
1 μg/mL	Recombinant Human TGF-β2 (Catalog # 302-B2)		
[Tsang, M. et al. (1	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) Cytokine 7 :389]. The Neutralization Dose (ND ₅₀) is typically 0.25-1.25 μg/mL in the presence of 1 ng/mL Porcine TGF-β2 and 7.5 ng/mL Recombinant Mouse IL-4.		
	1 μg/mL Measured by its a [Tsang, M. <i>et al.</i> (

DATA



TGF-β2 Inhibition of IL-4dependent Cell Proliferation and Neutralization by TGF- β2 Antibody. Porcine TGF- $\beta2$ (Catalog # 102-B2) inhibits Recombinant Mouse IL-4 (Catalog # 404-ML) induced proliferation in the HT-2 mouse T cell line in a dose-dependent manner (orange line). Inhibition of Recombinant Mouse IL-4 (7.5 ng/mL) activity elicited by Porcine TGF- β 2 (1 ng/mL) is neutralized (green line) by increasing concentrations of TGF-β2 Polyclonal Antibody (Catalog # AB-12-NA). The $\ensuremath{\mathsf{ND}_{50}}$ is typically 0.25-1.25 µg/mL

		AND		

Reconstitution	Reconstitute at 1 mg/mL in sterile PBS.
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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.

- 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.

