

Polyclonal Goat IgG Catalog Number: AB-112-NA

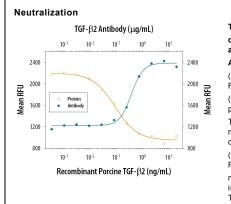
DESCRIPTION	
Specificity	Detects TGF-β2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody is highly specific for TGF-β2 and
	TGF-β1.2 but will cross-react with other TGF-β variants with at least 100-fold lower sensitivity. It will also neutralize the biological activity 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	Sample	
	Concentration		
Western Blot	1 μg/mL	Recombinant Human TGF-β2 (Catalog # 302-B2)	
Neutralization	Measured by its ability to neutralize TGF- β 2 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 0.3-1.5 µg/mL in the presence		
	of 1 ng/mL Porcine TO	F-β2 and 7.5 ng/mL Recombinant Mouse IL-4.	

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-112-NA). The

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FREFARATION AND STORAGE			
Reconstitution	Reconstitute at 1 mg/mL in sterile PBS.		
Shipping	pping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.		
Stability & Storage	ge 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. 		

