

DESCRIPTION

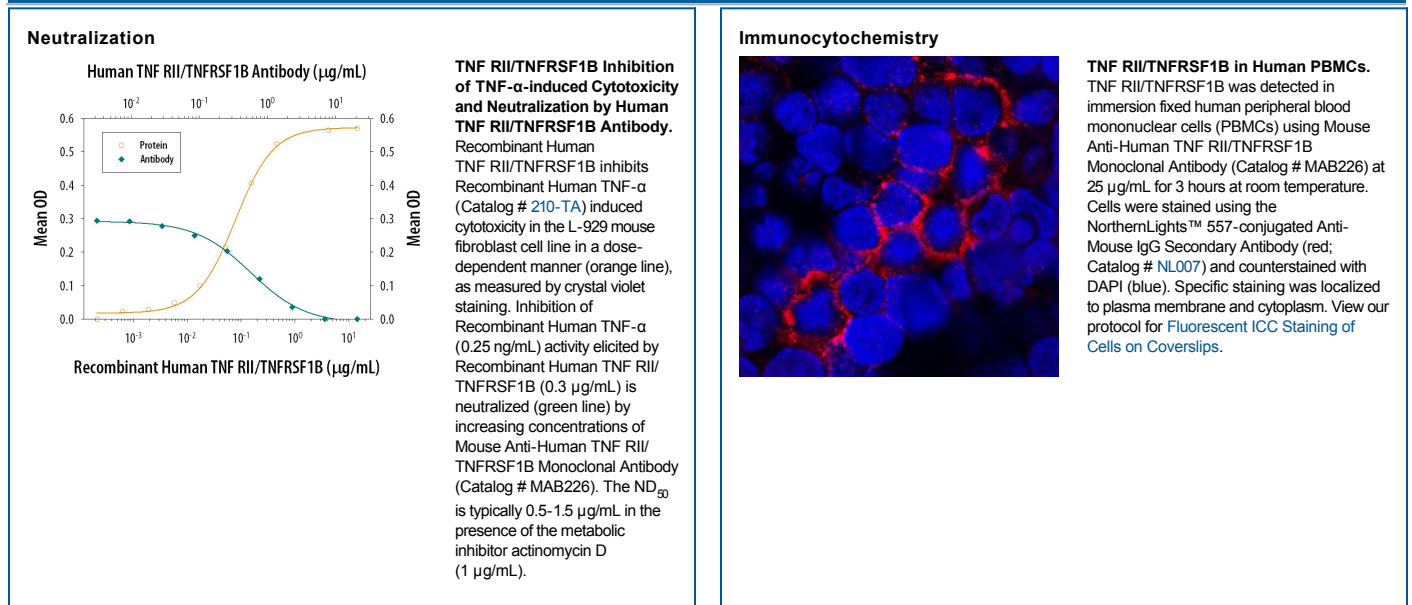
Species Reactivity	Human
Specificity	Detects human TNF RII/TNFRSF1B in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) 4-1BB, rhCD27, rhCD30, rhCD40, rhDR3, rhDR6, rhFas, rhGITR, rhHVEM, rhLTR β , rhNGF R, rhOPG, rhRANK, rhTNF RI, or recombinant mouse TNF RII is observed. Neutralizes the biological effect of rhTNF RII but not rhTNF RI.
Source	Monoclonal Mouse IgG _{2A} Clone # 22221
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human TNF RII Leu23-Asp257 Accession # P20333
Endotoxin Level	<0.10 EU per 1 μ g of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m 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
Immunocytochemistry	8-25 μ g/mL	See Below
Neutralization	Measured by its ability to neutralize TNF RII/TNFRSF1B-mediated inhibition of cytotoxicity in the L-929 mouse fibroblast cell line. The Neutralization Dose (ND ₅₀) is typically 0.5-1.5 μ g/mL in the presence of 0.3 μ g/mL Recombinant Human TNF RII/TNFRSF1B, 0.25 ng/mL Recombinant Human TNF- α , and 1 μ g/mL actinomycin D.	

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 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.

BACKGROUND

TNF RII, also known as p75 or p80 TNF R, is a prototypic member of the TNF receptor superfamily and has been designated TNFRSF1B. It binds TNF with high affinity and is expressed primarily in cells of the immune system.