

DESCRIPTION

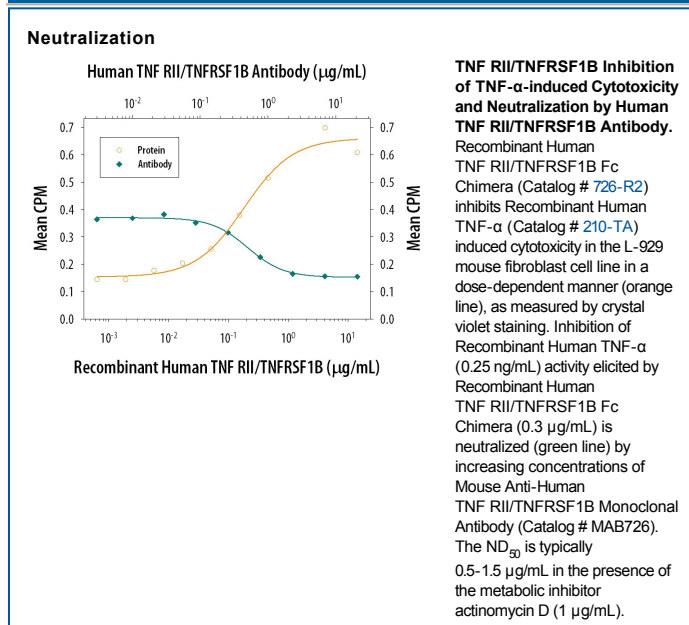
Species Reactivity	Human
Specificity	Detects human TNF RII in ELISAs and Western blots. In ELISAs, no cross-reactivity or interference was observed with recombinant human (rh) TNF RI, recombinant mouse (rm) TNF RI, rmTNF RII, rmTNF- α , rhTNF- α , or rhTNF- β . In Western blots, this antibody does not cross-react with rhTNF RI, rmTNF RI, or rmTNF RII.
Source	Monoclonal Mouse IgG ₁ Clone # 22210
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human TNF RII/TNFRSF1B 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
Western Blot	1 μ g/mL	Recombinant Human TNF RII/TNFRSF1B Fc Chimera (Catalog # 726-R2) under non-reducing conditions only
Human TNF RII/TNFRSF1B Sandwich Immunoassay		Reagent
ELISA Capture	2-8 μ g/mL	Human TNF RII/TNFRSF1B Antibody (Catalog # MAB726)
ELISA Detection Standard	0.1-0.4 μ g/mL	Human TNF RII/TNFRSF1B Biotinylated Antibody (Catalog # BAF726) Recombinant Human TNF RII/TNFRSF1B aa 24-206 (Catalog # 1089-R2)
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 Fc Chimera, 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.