

DESCRIPTION

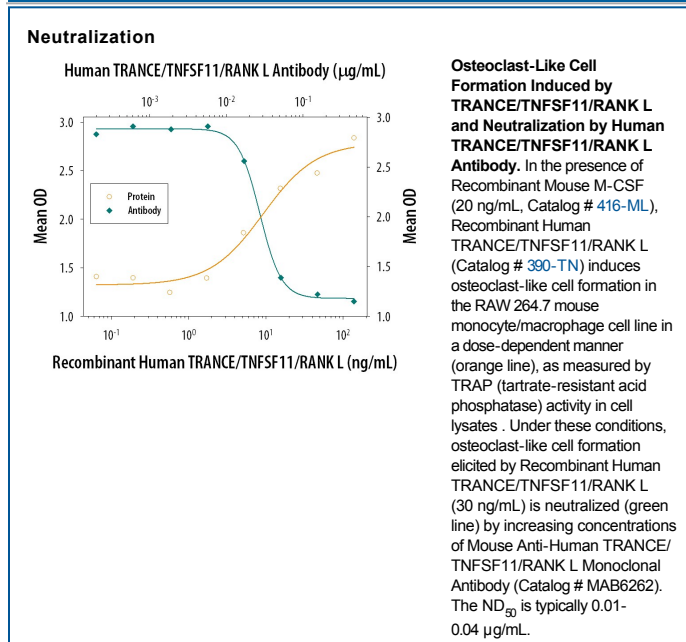
Species Reactivity	Human
Specificity	Detects human TRANCE/TNFSF11/RANK L in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 175707
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human TRANCE/TNFSF11/RANK L Gly64-Asp245 Accession # AAC51762
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. *Small pack size (-SP) is supplied as a 0.2 µm 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.

Neutralization Measured by its ability to neutralize TRANCE/TNFSF11/RANK L-induced osteoclast-like cell formation in the RAW 264.7 mouse monocyte/macrophage cell line. Nakagawa, N. *et al.* (1998) *Biochim. Biophys. Res. Commun.* **253**:395. The Neutralization Dose (ND₅₀) is typically 0.01-0.04 µg/mL in the presence of 30 ng/mL Recombinant Human TRANCE/TNFSF11/RANK L.

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

TRANCE, also known as RANK ligand, is a type II membrane protein belonging to the tumor necrosis factor superfamily and has been designated TNFSF11.