

## DESCRIPTION

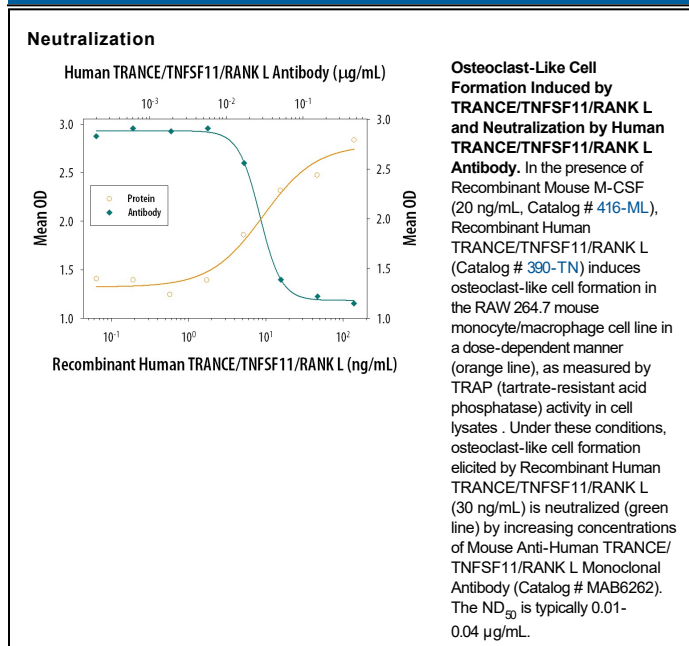
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human TRANCE/TNFSF11/RANK L in direct ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 175707
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human TRANCE/TNFSF11/RANK L Gly64-Asp245 Accession # AAC51762
<b>Endotoxin Level</b>	<0.10 EU per 1 µg of the antibody by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or 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.

<b>Neutralization</b>	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. <i>et al.</i> (1998) Biochim. Biophys. Res. Commun. <b>253</b> :395. The Neutralization Dose (ND <sub>50</sub> ) is typically 0.01-0.04 µg/mL in the presence of 30 ng/mL Recombinant Human TRANCE/TNFSF11/RANK L.
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## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	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
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## 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.