



# Anti-Human TNFSF11 (TRANCE) (#5G33)

20230310DS



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M842</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human TNFSF11 recombinant protein (also called TRANCE).

## Target Background

<b>Synonyms (Target):</b>	TNFSF11; ODF; OPGL; sOdf; CD254; OPTB2; RANKL; TRANCE; hRANKL2
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TNF-related activation-induced cytokines (TRANCE), also called RANK Ligand (RANKL, receptor activator of NF-κB ligand), osteoprotegerin ligand (OPGL), and osteoclast differentiation factor (ODF), is a member of the TNF superfamily. Mouse and human TRANCE share 85% amino acid sequence identity. TRANCE is primarily expressed in T cells and T cell rich organs, such as thymus and lymph nodes.

## Database References Target

<b>Protein RefSeq:</b>	NP_003692.1
<b>Uniprot ID:</b>	O14788
<b>mRNA RefSeq:</b>	NM_003701.3

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#5G33)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Human recombinant TNFSF11 (TRANCE)
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS

## Application/Handling

**Reconstitution:** Centrifuge vial prior to opening. Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.



**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

N, IHC

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**