



20160420BB

Anti-Human TNFSF11 (#5F12)

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

Cat.-no.:	101-M672
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

Synonyms (Target):	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

Protein RefSeq:	NP_003692.1
Uniprot ID:	O14788
mRNA RefSeq:	NM_003701.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#5F12)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant TNFSF11
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 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.

Remarks: This antibody was selected for its ability to detect human TNFSF11.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, IHC (P), N

Recommended usage:

IHC (paraffine): 1:20 - 1:100

WB: Use at 1:500-1000

Neutralization of TNFSF11 bioactivity: Yes

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