



20150116ML

# Anti-Mouse TNFRSF9 (#6J43)

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

<b>Cat.-no.:</b>	<b>103-M488</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 rat) immunized with mouse recombinant protein of TNFRSF9.

## Target Background

<b>Synonyms (Target):</b>	Tnfrsf9; ILA; Ly63; 4-1BB; Cd137; CDw137; AA408498; AI325004; A930040I1 IRik
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4-1BB is an inducible T cell surface protein belonging to the TNF receptor superfamily. It is alternatively known as TNFRSF9, CD137, and ILA. The human and mouse proteins share 60% amino acid sequence identity. 4-1BB is absent from naive T cells, but it is upregulated and continually expressed following T cell activation.

## Database References Target

<b>Protein RefSeq:</b>	NP_035742.1
<b>Uniprot ID:</b>	P20334
<b>mRNA RefSeq:</b>	NM_011612.2

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#6J43)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein A/G chromatography
<b>Antigen</b>	Mouse recombinant protein TNFRSF9
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	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 detects specifically mouse TNFRSF9 with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB

### Recommended usage:

**WB:** 1:250-1000

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