



20150217ML

# Anti-Human TNFSF14 (#8C34)

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

<b>Cat.-no.:</b>	<b>101-M676</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 recombinant protein of TNFSF14 extracellular domain.

## Target Background

<b>Synonyms (Target):</b>	TNFSF14; LTg; TR2; CD258; HVEM; LIGHT
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Human LIGHT is a type II membrane protein that is a member of the TNF superfamily (TNFSF14). LIGHT is an acronym that stands for is homologous to Lymphotoxins, exhibits Inducible expression, and competes with HSV Glycoprotein D for HVEM, a receptor expressed by Tlymphocytes. LIGHT has also been called HVEM-L and LT-gamma.

## Database References Target

<b>Protein RefSeq:</b>	NP_003798.2
<b>Uniprot ID:</b>	O43557
<b>mRNA RefSeq:</b>	NM_003807.3

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#8C34)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Human recombinant TNFSF14 EC domain
<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 was selected for its ability to detect human TNFSF14.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

FC

**Recommended usage:**

Flow cytometry: 1:50 - 1:200

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