



20150116ML

Anti-Mouse IL-15 receptor alpha (#6C38)

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

Cat.-no.:	103-M244
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 purified mouse recombinant protein of IL-15R α extracellular domain. The IgG2 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

Target Background

Synonyms (Target):	Il15ra; AA690181
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Interleukin 15 receptor alpha (IL-15 R alpha) is a high affinity receptor that specifically binds IL-15 and associates as a heterotrimer with the IL-2 receptor beta and gamma subunits (Common gamma chain, or gamma c) to initiate signal transduction. IL-15 R alpha is expressed on a wide variety of T and B cells as well as non-lymphoid cells. Human IL-15 R alpha shares 45% amino acid sequence homology with the mouse form of the receptor. Eight isoforms of IL-15 R alpha mRNA have been identified, resulting from alternative splicing events involving different exons.

Database References Target

Protein RefSeq:	NP_032384.1
Uniprot ID:	Q60819
mRNA RefSeq:	NM_008358.2

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#6C38)
Isotype	IgG2
Purification	Protein A/G chromatography
Antigen	recombinant mouse IL-15 alpha EC domain
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 detects mouse IL-15 R alpha in Western blotting.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:
WB

Recommended usage:

WB: 1:500-1000

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