



20150116ML

Anti-Mouse IL-2 receptor beta (#9E33)

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

Cat.-no.:	103-M248
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-2 R α extracellular domain.

Target Background

Synonyms (Target):	Il2rb; p70; CD122; IL15Rbeta; IL-2Rbeta; IL-15Rbeta; IL-2/15Rbeta
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IL-2 R beta is a 551 amino acid (aa) precursor type I membrane protein with a 26 aa signal peptide, a 214 aa extracellular region, a 25 aa transmembrane region and a 286 aa cytoplasmic domain. IL-2 R beta binds IL-2 as a part of the IL-2 R alpha/IL-2 R beta/common gamma chain complex.

Database References Target

Protein RefSeq:	NP_032394.1
Uniprot ID:	P16297
mRNA RefSeq:	NM_008368.4

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#9E33)
Isotype	IgG2
Purification	Protein A/G chromatography
Antigen	recombinant protein of the EC domain of IL-2 R beta
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-2 R beta 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!