



20150116ML

# Anti-Mouse IL-17 receptor (#10B27)

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

<b>Cat.-no.:</b>	<b>103-M245</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 purified mouse recombinant protein of IL-17R extracellular domain. The IgG2 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

## Target Background

<b>Synonyms (Target):</b>	Il17ra; Il17r; Cdw217; VDw217; AW538159
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IL-17 binds to IL-17 receptors (IL-17 R), which share no homology with any known family of receptors. While the expression of IL-17 is restricted to activated T cells, IL-17 R mRNA exhibits a broad tissue distribution, and has been detected in virtually all cells and tissues tested. The amino acid sequence of human IL-17 R is 69% identical to mouse IL-17 R.

## Database References Target

<b>Protein RefSeq:</b>	NP_032385.1
<b>Uniprot ID:</b>	Q60943
<b>mRNA RefSeq:</b>	NM_008359.2

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#10B27)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Mouse recombinant EC domain of IL-17R
<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 mouse IL-17 R in Western blotting but not IL-17B R.

**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!**