



20150130ML

Anti-Human IL-10 receptor beta (#8R24)

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

Cat.-no.:	101-M473
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 IL-10 Rb extracellular domain.

Target Background

Synonyms (Target):	IL10RB; CRFB4; CRF2-4; D21S58; D21S66; CDW210B; IL-10R2
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IL-10 mediates its biological activities via binding to a heteromeric complex of two distinct type II cytokine receptor subunits, the ligand binding subunit IL-10 R alpha (IL-10 R1) and the signal-transducing accessory subunit IL-10 R beta (IL-10 R2). IL-10 R alpha is specific for IL-10 and expressed by most hemopoietic cells. IL-10 R beta is a widely expressed shared subunit for IL-10, IL-22, IL-26 and the IFN1 proteins IL-28A, IL-28B and IL-29.

Database References Target

Protein RefSeq:	NP_000619.3
Uniprot ID:	Q08334
mRNA RefSeq:	NM_000628.4

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#8R24)
Isotype	IgG1
Purification	Protein A/G chromatography
Antigen	recombinant human IL-10 Rbeta 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 was selected for its ability to detect human IL-10 R beta.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, N

Recommended usage:

Western Blot: 1:500 - 1:1000

Neutralization of IL-10 R beta bioactivity: Yes

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