

# IL-15 Monoclonal Antibody (34505)

Product Details	
Size	500 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	34505
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant human IL-15 Asn49-Ser162
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608836

Applications	Tested Dilution	Publications
ELISA (ELISA)	0.5-2 µg/mL (Detection), 2-8 µg/mL (Capture)	-
Neutralization (Neu)	4-20 ng/mL	-

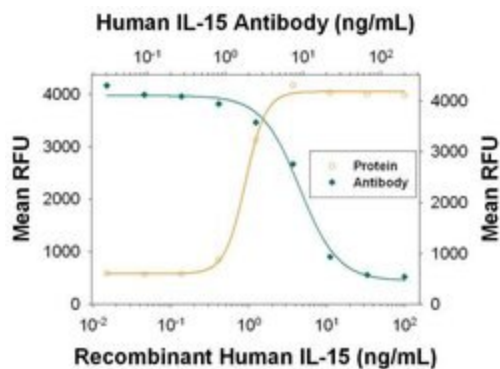
## Product Specific Information

In ELISAs, no cross-reactivity with recombinant human (rh) IL-1 alpha, -1 beta, -2, -3, -4, -5, -6, -7, -8, -9, rIL-1 alpha, -1 beta, -3, -4, -5, -6, -7, -9, or -13 is observed.

Reconstitute at 0.5 mg/mL in sterile PBS.

Endotoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

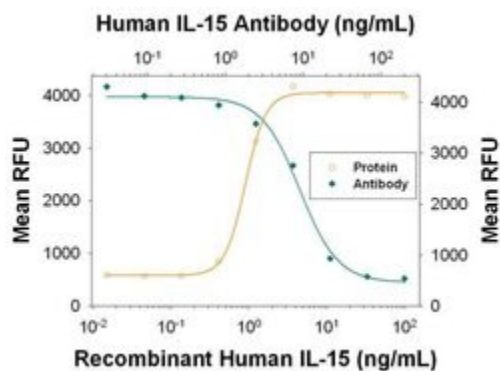
## Advanced Verification Data



### IL-15 Antibody (MA5-23729)

Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of IL-15 is shown by the decrease in fluorescence (Cell Proliferation measured by Resazurin) with increasing concentrations of IL-15 Antibody (Product # MA5-23729). Neutralization validation info.

## Product Images For IL-15 Monoclonal Antibody (34505)



### IL-15 Antibody (MA5-23729) in Neu

Neutralization assay of recombinant human IL-15 induces proliferation in the MO7e human megakaryocytic leukemic cell line in a dose-dependent manner (orange line), as measured by the Resazurin. Proliferation elicited by recombinant human IL-15 (3 ng/mL) is neutralized (green line) by increasing concentrations of mouse Anti-human IL-15 Monoclonal Antibody (Product # MA5-23729). The ND50 is typically 4-20 ng/mL.

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