

# IL-10 Monoclonal Antibody (2A5)

Product Details	
Size	500 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG1
Class	Monoclonal
Type	Antibody
Clone	2A5
Conjugate	Unconjugated
Immunogen	Recombinant mouse IL-10
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_223521

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
ELISA (ELISA)	-	13 Publications
Neutralization (Neu)	-	10 Publications

## Product Specific Information

MM010 targets IL-10 in WB applications and shows reactivity with mouse samples.

The MM010 immunogen is recombinant mouse IL-10.

MM010 detects IL-10 which has a predicted molecular weight of approximately 19 kDa.

This antibody is produced by injecting Rat IgG secreting hybridoma cells into the peritoneum of mice. The resulting ascites is collected from the mice and the antibody is purified.

This product has been tested for endotoxins by limulus amoebocyte lysate (LAL) assay and contains an endotoxin concentration of less than or equal to 10 endotoxin units per milligram (EU/mg).

## 23 References

### ELISA (13)

Proceedings of the National Academy of Sciences of the United States of America

#### Bone marrow stromal cells use TGF-beta to suppress allergic responses in a mouse model of ragweed-induced asthma.

"MM010 was used in ELISA to study the effect of TGF-beta on allergic responses"

Authors: Nemeth K,Keane-Myers A,Brown JM,Metcalfe DD,Gorham JD,Gorham JD,Bundoc VG,Bundoc VG,Hodges MG,Jelinek I,Madala S,Karpati S,Mezey E

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2010

Journal of immunology (Baltimore, Md. : 1950)

#### Increased survival in sepsis by in vivo adenovirus-induced expression of IL-10 in dendritic cells.

"MM010 was used in ELISA to study the effect of interleukin 10 on the survival from septic shock"

Authors: Oberholzer A,Oberholzer C,Bahjat KS,Ungaro R,Tannahill CL,Murday M,Bahjat FR,Abouhamze Z,Tsai V,LaFace D,Hutchins B,Moldawer LL,Ciare-Salzler MJ

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2002

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### Neutralization (10)

The Journal of clinical investigation

#### Hypoxia-inducible factor 2alpha regulates macrophage function in mouse models of acute and tumor inflammation.

"MM010 was used in blocking or activating experiment to investigate the effect of hypoxia-inducible factor 2alpha in innate immunity"

Authors: Imtiyaz HZ,Williams EP,Hickey MM,Patel SA,Durham AC,Yuan LJ,Hammond R,Gimotty PA,Keith B,Simon MC

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2010

Nature medicine

#### Bone marrow stromal cells attenuate sepsis via prostaglandin E(2)-dependent reprogramming of host macrophages to increase their interleukin-10 production.

"Published figure using IL-10 monoclonal antibody (Product # MM010) in Neutralization"

Authors: Németh K,Leelahavanichkul A,Yuen PS,Mayer B,Parmelee A,Doi K,Robey PG,Leelahavanichkul K,Koller BH,Brown JM,Hu X,Jelinek I,Star RA,Mezey E

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2009

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