

IL-6 Monoclonal Antibody (MP520F3)

Product Details

Size	500 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG1
Class	Monoclonal
Type	Antibody
Clone	MP520F3
Conjugate	Unconjugated
Immunogen	COS-7 African green monkey SV40 transformed kidney fibroblast-like cell line-derived recombinant mouse IL-6
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_2609615

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	0.1-0.4 µg/mL (Detection), 2-8 µg/mL (Capture)	2 Publications
Neutralization (Neu)	0.005-0.025 µg/mL	1 Publication

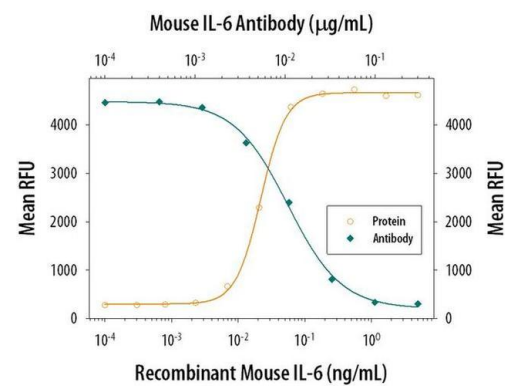
Product Specific Information

In Western blots, no cross-reactivity with recombinant human (rh) IL-6, recombinant porcine IL-6, recombinant rat IL-6, rhIL-11, rhCT-1, or rhCLC 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.

Product Images For IL-6 Monoclonal Antibody (MP520F3)



IL-6 Antibody (MA5-23800)

Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of IL-6 is shown by decrease in RFU (measure of proliferation) with increasing concentrations of IL-6 monoclonal antibody (MA5-23800). {Neu}

Flow Cytometry (1)

<p>FASEB journal : official publication of the Federation of American Societies for Experimental Biology</p> <p>Deletion of Ppard in CD11c⁺ cells attenuates atherosclerosis in ApoE knockout mice.</p> <p>"MA5-23800 was used in Flow Cytometry to study the involvement of PPAR in CD11c+ cells in atherosclerosis."</p> <p>Authors: Tian D,Hong H,Shang W,Ho CC,Dong J,Tian XY</p>	<p>Year 2020</p> <p>Species Mouse</p>
---	---

ELISA (2)

<p>Oncotarget</p> <p>The glucocorticoid receptor in recipient cells keeps cytokine secretion in acute graft-versus-host disease at bay.</p> <p>"MA5-23800 was used in an ELISA assay to reveal an important role of the GR in recipient cells in limiting the cytokine storm caused by GvHD induction."</p> <p>Authors: Baake T,Jörß K,Suennemann J,Roßmann L,Bohnenberger H,Tuckermann JP,Reichardt HM,Fischer HJ, Reichardt SD</p>	<p>Year 2018</p> <p>Species Mouse</p>
<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>IL-6 and ICOS Antagonize Bim and Promote Regulatory T Cell Accrual with Age.</p> <p>"MA523800 was used in ELISA to examine the accumulation of CD25 low T regulatory cells in aged mice"</p> <p>Authors: Raynor J,Karns R,Almanan M,Li KP,Divanovic S,Chougnnet CA,Hildeman DA</p>	<p>Year 2015</p> <p>Species Mouse</p>

Neutralization (1)

<p>Frontiers in immunology</p> <p>A Type I Interferon and IL-10 Induced by <i>Orientia tsutsugamushi</i> Infection Suppresses Antigen-Specific T Cells and Their Memory Responses.</p> <p>"MA5-23800 was used in Neutralization experiments to show that the induction of the type I IFN/IL-10 axis by O. tsutsugamushi infection might play a significant role in the suppression of T cell responses and contribute to the short longevity of cell-mediated immunity, often observed in scrub typhus patients."</p> <p>Authors: Min CK,Kim HI,Ha NY,Kim Y,Kwon EK,Yen NTH,Youn JI,Jeon YK,Inn KS,Choi MS,Cho NH</p>	<p>Year 2019</p> <p>Species Mouse</p>
--	---

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.