

IL-2 Monoclonal Antibody (BG5), Biotin

Product Details

Size	250 µg
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	BG5
Conjugate	Biotin
Immunogen	Recombinant human IL-2
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ion-exchange chromatography
Storage buffer	PBS with 4% BSA
Contains	proprietary Preservative
Storage Conditions	-20°C
RRID	AB_223575

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	Assay Dependent	11 Publications
Western Blot (WB)	✓	Assay Dependent	1 Publication

Product Specific Information

M600B targets IL-2 in ELISA, and WB applications and shows reactivity with Human samples.

The M600B immunogen is recombinant human IL-2.

M600B detects IL-2 which has a predicted molecular weight of approximately 15 kDa.

The M600B IL2 antibody (biotinylated conjugate of clone BG5) has successfully been paired as the detection antibody in a sandwich ELISA with polyclonal capture antibody P600. Typical dilutions for sandwich ELISA include 1 µg/mL for coating and 0.125 - 0.25 µg/mL for detection.

Biotinylated antibody M600B (clone BG5) and antibody P600 have successfully been used in combination with recombinant IL2 protein SIL2 in ELISA applications.

12 References

ELISA (11)

Molecular therapy. Nucleic acids

CARbodies: Human Antibodies Against Cell Surface Tumor Antigens Selected From Repertoires Displayed on T Cell Chimeric Antigen Receptors.

"M600B was used in ELISA to develop a system for the production of antibodies designated CARbodies with potential application in adoptive cell therapy"

Authors: Alonso-Camino V,Sánchez-Martín D,Compte M,Nuñez-Prado N,Díaz RM,Vile R,Alvarez-Vallina L

Species
Human

Dilution
Not Cited

Year
2013

Neurobiology of aging

Th1 responses to beta-amyloid in young humans convert to regulatory IL-10 responses in Down syndrome and Alzheimer's disease.

"M600B was used in ELISA to study the role of Th1 responses to beta-amyloid in Down syndrome and Alzheimer disease"

Authors: Loewenbrueck KF,Tigno-Aranjuez JT,Boehm BO,Lehmann PV,Tary-Lehmann M

Species
Human

Dilution
0.06 ug/ml

Year
2010

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Western Blot (1)

Scandinavian journal of immunology

Cell-mediated immune responses and protective efficacy against infection with Mycobacterium tuberculosis induced by Hsp65 and hIL-2 fusion protein in mice.

"M600B was used in western blot to study the ability of a Mycobacterium HSP65-human IL-2 fusion protein to induce protection against infection with Mycobacterium tuberculosis"

Authors: Shi C,Yuan S,Zhang H,Zhang T,Wang L,Xu Z

Species
Human

Dilution
Not Cited

Year
2009

More applications with references on thermofisher.com

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