

IL-13 Monoclonal Antibody (5A2), Biotin

Product Details	
Size	250 µg
Species Reactivity	Human
Published Species	Human
Host/Isotope	Rat / IgG
Class	Monoclonal
Type	Antibody
Clone	5A2
Conjugate	Biotin
Immunogen	Recombinant human IL-14
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS with 4% BSA
Contains	proprietary preservative
Storage Conditions	-20°C
RRID	AB_223557

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	Assay Dependent	9 Publications
Western Blot (WB)	✓	Assay Dependent	

Product Specific Information

M130B targets IL-13 in ELISA, and WB applications and shows reactivity with Human samples.

The M130B immunogen is recombinant human IL-14. 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.

M130B detects IL-13 which has a predicted molecular weight of approximately 13 kDa.

The M130B IL13 antibody (biotinylated conjugate of clone 5A2) has successfully been paired as the detection antibody in a sandwich ELISA with capture antibody P130E. Typical dilutions for sandwich ELISA include 1 µg/mL for coating and 0.125 - 0.25 µg/mL for detection.

Biotinylated antibody M130B (clone 5A2) and antibody P130E have successfully been used in combination with recombinant IL13 protein SIL13 in ELISA applications.

9 References

ELISA (9)

Journal of immunology (Baltimore, Md. : 1950)

The CD226/CD155 interaction regulates the proinflammatory (Th1/Th17)/anti-inflammatory (Th2) balance in humans.

"M130B was used in ELISA to study the role of the interaction between CD226 and CD155 in regulating the human T-cell pro-inflammatory/anti-inflammatory balance"

Authors: Lozano E, Joller N, Cao Y, Kuchroo VK, Hafler DA

Species
Human

Dilution
Not Cited

Year
2013

Clinical and experimental immunology

Cellular immune responses in human immunodeficiency virus (HIV)-1-infected children: is immune restoration by highly active anti-retroviral therapy comparable to non-progression?

"M130B was used in ELISA to study cellular immune responses in HIV-1-infected children"

Authors: Hainaut M, Verscheure V, Ducarme M, Schandené L, Levy J, Mascart F

Species
Human

Dilution
Not Cited

Year
2011

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