

IL-12 p70 Monoclonal Antibody (C11.5)

Product Details	
Size	500 µg
Species Reactivity	Human
Published Species	Non-human primate
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	C11.5
Conjugate	Unconjugated
Immunogen	Recombinant human IL-12, p40 expressed in CHO cells.
Form	Liquid
Concentration	1 µg/mL
Purification	Protein A/G
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage Conditions	-80°C
RRID	AB_2536295

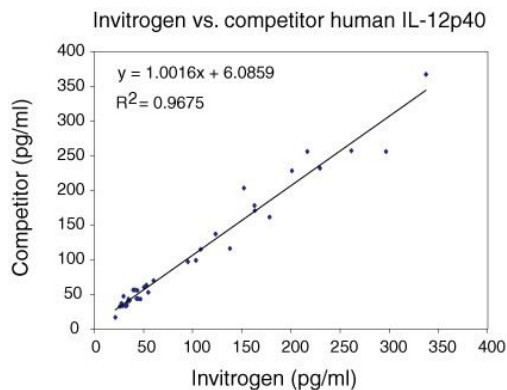
Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	-		1 Publication
Miscellaneous PubMed (MISC)	-		2 Publications
ELISA (ELISA)	✓	1-10 µg/mL	

Product Specific Information

This antibody recognizes the p40 subunit and the p70 heterodimer of human IL-12, and can be used as a capture antibody in ELISA assays. It does not effectively neutralize IL-12.

AHC9122 is >98% pure by SDS-PAGE. Further dilutions should be made in medium or buffered solution with carrier protein, such as PBS with 0.1-1.0% BSA. The addition of a preservative is also recommended for long term storage. For maximal stability, apportion into working aliquots and store at -70°C, avoiding repeated freeze-thaw cycles.

Product Images For IL-12 p70 Monoclonal Antibody (C11.5)



IL-12 p70 Antibody (AHC9122) in ELISA

ELISA showing IL-12 p70 (Product # AHC9122) compared to a competitor antibody to the same target.

3 References

Flow Cytometry (1)

Journal of leukocyte biology

Plasmacytoid dendritic cells (PDC) are the major DC subset innately producing cytokines in human lymph nodes.

"AHC9122 was used in flow cytometry to characterize human plasmacytoid dendritic cells from breast cancer patients"

Authors: Cox K,North M,Burke M,Singhal H,Renton S,Aqel N,Islam S,Knight SC

Species

Not Applicable

Dilution

Not Cited

Year

2005

Miscellaneous PubMed (2)

Viral immunology

Measles virus infection of rhesus macaques affects neutrophil expression of IL-12 and IL-10.

"AHC9122 was used in flow cytometry and immunocytochemistry to examine IL-12 and IL-10 production by neutrophils isolated from naive or measles virus-infected rhesus macaques."

Authors: Hoffman SJ,Polack FP,Hauer DA,Griffin DE

Species

Non-human primate

Dilution

Not Cited

Year

2004

The Journal of infectious diseases

Altered synthesis of interleukin-12 and type 1 and type 2 cytokines in rhesus macaques during measles and atypical measles.

"AHC9122 was used in flow cytometry to investigate the role of IL-12 in measles induced immunosuppression."

Authors: Polack FP,Hoffman SJ,Moss WJ,Griffin DE

Species

Non-human primate

Dilution

Not Cited

Year

2002

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