

For Research Use Only

NeutraKine® IL-10 Mouse McAb

Catalog Number: 69018-2-Ig **1 Publications**



Basic Information

Catalog Number:

69018-2-Ig

Size:

100ug

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

HZ-1145

GenBank Accession Number:

GeneID (NCBI):

3586

Full Name:

interleukin 10

Purification Method:

Protein A purification

CloneNo.:

7B8G3

Applications

Tested Applications:

ELISA

Cited Applications:

Cell treatment

Species Specificity:

Human

Cited Species:

mouse

Background Information

Interleukin (IL)-10 is an anti-inflammatory cytokine, produced by T helper (Th) cells, macrophages, monocytes, and B cells, that plays a crucial role in preventing inflammatory and autoimmune pathologies. It downregulates the expression of Th1 cytokines, MHC class II antigens, and co-stimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. IL-10 can block NF- κ B activity, and is involved in the regulation of the JAK-STAT signaling pathway. IL-10, along with its receptors, describes an important role in pathogenesis of various diseases, including infectious, inflammatory, and autoimmune diseases. IL-10 mutations are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

This antibody can be used to neutralize the bioactivity of IL-10.

Notable Publications

Author	Pubmed ID	Journal	Application
Ting Liu	39914566	Environ Pollut	Cell treatment

Storage

Storage:

Lyophilized antibodies are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at 4°C for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Storage Buffer:

Sterile PBS, pH7.4

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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