

For Research Use Only

NeutraKine® IL-10 Mouse McAb

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



Basic Information

Catalog Number:	69018-2-Ig	GenBank Accession Number:	Purification Method:
Concentration:		GeneID (NCBI):	Protein A purification
Source:	Mouse	3586	CloneNo.:
Isotype:	IgG2b	Full Name:	7B8G3
Immunogen Catalog Number:	HZ-1145	interleukin 10	

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

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

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