

ARG65674 anti-IL10 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody recognizes IL10
Tested Reactivity	Ms, Rat
Tested Application	Neut, WB, sELISA
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Target Name	IL10
Species	Mouse
Immunogen	E.coli derived recombinant mouse IL-10
Conjugation	Un-conjugated
Alternate Names	IL10A; GVHDS; TGIF; IL-10; Cytokine synthesis inhibitory factor; CSIF; Interleukin-10

Application Instructions

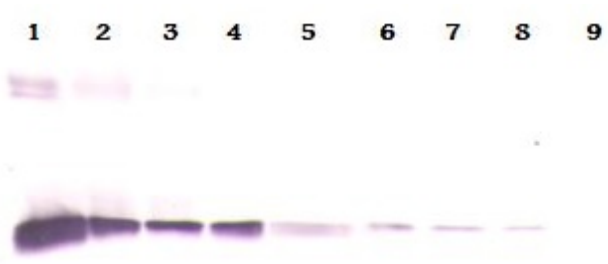
Application table	Application	Dilution
	Neut	3 - 5 µg/ml (To yield ND50 of the biological activity of Murine IL-10 at a concentration of 0.5 ng/ml)
	WB	1 - 2 µg/ml
	sELISA	4 - 8 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

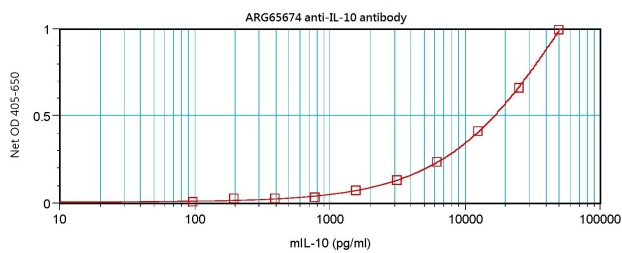
Database links	GeneID: 16153 Mouse GeneID: 25325 Rat Swiss-port # P18893 Mouse Swiss-port # P29456 Rat
Gene Symbol	Il10
Gene Full Name	interleukin 10
Background	This gene encodes an anti-inflammatory cytokine that is a member of the class-2 cytokine family. The encoded protein is secreted by cells of both the innate and adaptive immune systems and is crucial for limiting the immune response to a broad range of pathogens. It also has been shown to suppress autoimmune responses. This protein mediates it's immunosuppressive signal through a specific interleukin 10 receptor complex. Aberrant functioning of this gene is associated with numerous immune disorders including graft-versus-host disease, and increased susceptibility to HIV-1 infection and rheumatoid arthritis. [provided by RefSeq, Sep 2015]
Function	Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells. [UniProt]
Research Area	Cancer antibody; Immune System antibody
Calculated Mw	21 kDa

Images



ARG65674 anti-IL10 antibody WB image

Western blot: 250 - 0.24 ng (left to right) of recombinant Mouse IL-10 stained with ARG65674 anti-IL10 antibody.



ARG65674 anti-IL10 antibody standard curve image

ARG65674 anti-IL10 antibody results of a typical standard run with optical density reading at 405 - 650 nm.