

Product datasheet

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ARG58836 anti-IL7 antibody

Package: 50 μg Store at: -20°C

Summary

Host

Product Description Rabbit Polyclonal antibody recognizes IL7

Rabbit

Tested Reactivity Ms
Tested Application WB

Clonality Polyclonal

Isotype IgG
Target Name IL7

Species Mouse

Immunogen Recombinant protein corresponding to E26-I154 of Mouse IL7.

Conjugation Un-conjugated

Alternate Names IL-7; Interleukin-7

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 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 Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.

Preservative 0.05% Sodium azide

Stabilizer 5% BSA

Concentration 0.5 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.

Bioinformation

Gene Symbol IL7

Gene Full Name interleukin 7

Background The protein encoded by this gene is a cytokine important for B and T cell development. This cytokine

and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their presence in normal tissues has not been

confirmed.[provided by RefSeq, Dec 2010]

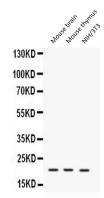
Function Hematopoietic growth factor capable of stimulating the proliferation of lymphoid progenitors. It is

important for proliferation during certain stages of B-cell maturation. [UniProt]

Calculated Mw 20 kDa

Cellular Localization Secreted. [UniProt]

Images



ARG58836 anti-IL7 antibody WB image

Western blot: Mouse brain, Mouse thymus and NIH/3T3 lysates stained with ARG58836 anti-IL7 antibody at 0.5 μ g/ml dilution.