

ARG58076 anti-CD278 / ICOS antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD278 / ICOS
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD278 / ICOS
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 21-140 of Human CD278 / ICOS (NP_036224.1).
Conjugation	Un-conjugated
Alternate Names	CD antigen CD278; CD278; Inducible T-cell costimulator; ALLIM; Activation-inducible lymphocyte immunomediatory molecule; CVID1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat lung	
Observed Size	26 kDa	

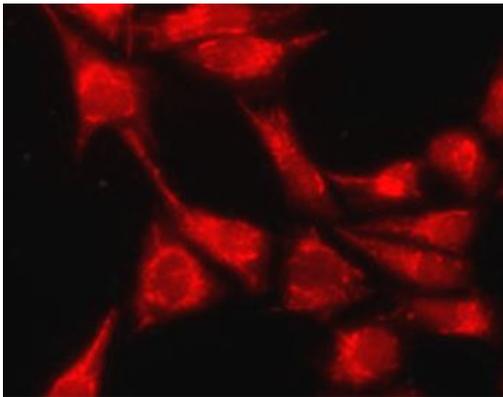
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

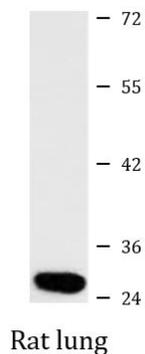
Gene Symbol	ICOS
Gene Full Name	inducible T-cell co-stimulator
Background	The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. [provided by RefSeq, Jul 2008]
Function	Enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. Essential both for efficient interaction between T and B-cells and for normal antibody responses to T-cell dependent antigens. Does not up-regulate the production of interleukin-2, but superinduces the synthesis of interleukin-10. Prevents the apoptosis of pre-activated T-cells. Plays a critical role in CD40-mediated class switching of immunoglobulin isotypes (By similarity). [UniProt]
Calculated Mw	23 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Cell membrane, Single-pass type I membrane protein, Secreted. [UniProt]

Images



ARG58076 anti-CD278 / ICOS antibody ICC/IF image

Immunofluorescence: MCF-7 cells stained with ARG58076 anti-CD278 / ICOS antibody.



ARG58076 anti-CD278 / ICOS antibody WB image

Western blot: 25 µg of Rat lung lysate stained with ARG58076 anti-CD278 / ICOS antibody at 1:1000 dilution.