

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 | |

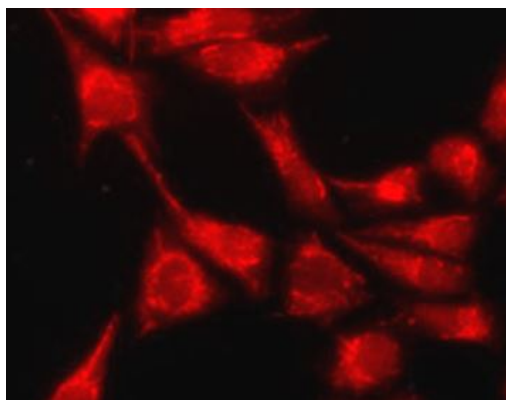
Properties

| | |
|---------------------|---|
| 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

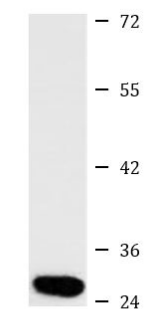
| | |
|-----------------------|---|
| Gene Symbol | ICOS |
| Gene Full Name | inducible T-cell co-stimulator |
| Background | The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, 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.



Rat lung

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.