

# ICOS/CD278 Rabbit pAb

Catalog No.: A1811

## Basic Information

### Observed MW

30-40kDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

**WB** 1:100 - 1:500

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

29851

### Swiss Prot

Q9Y6W8

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-140 of human ICOS/CD278 (NP\_036224.1).

### Synonyms

AILIM; CD278; CVID1; ICOS/CD278

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

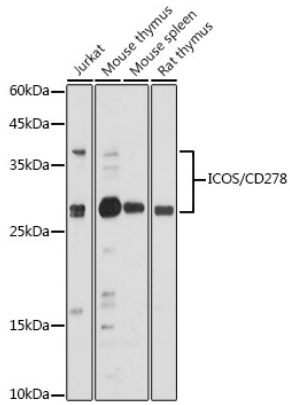
Affinity purification

### Storage

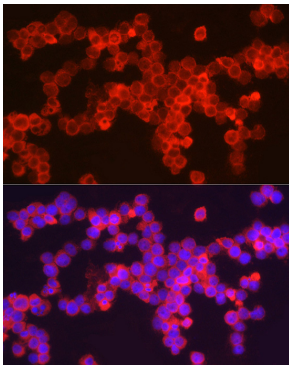
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

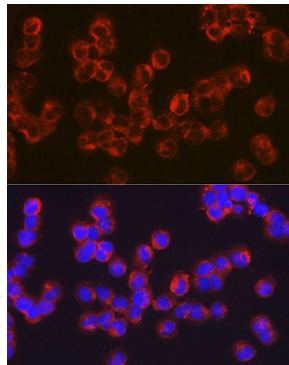
## Validation Data



Western blot analysis of various lysates using ICOS/CD278 Rabbit pAb (A1811) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunofluorescence analysis of HL-60 cells using ICOS/CD278 Rabbit pAb (A1811) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Jurkat cells using ICOS/CD278 Rabbit pAb (A1811) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.