

**ICOS Antibody**  
Catalog # ASC12119**Specification**

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**ICOS Antibody - Product Information**

Application	<b>WB, IHC, IF, E</b>
Primary Accession	<a href="#">O9Y6W8</a>
Other Accession	<a href="#">O9Y6W8</a>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>

**ICOS Antibody - Additional Information**

Gene ID **29851**  
Alias Symbol **ICOS**

**Other Names**

ICOS Antibody: Inducible T Cell Costimulator, Activation-Inducible Lymphocyte Immunomediatory Molecule, Inducible T-Cell Costimulator, ALLIM, Inducible T-Cell Co-Stimulator, Inducible Costimulator, CD278 Antigen, CD278, CVID1

**Reconstitution & Storage**

ICOS antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

ICOS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ICOS Antibody - Protein Information**

**Name** ICOS

**Synonyms** ALLIM

**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).

**Cellular Location**

[Isoform 1]: Cell membrane; Single- pass type I membrane protein

**Tissue Location**

Activated T-cells. Highly expressed on tonsillar T- cells, which are closely associated with B-cells in the apical light zone of germinal centers, the site of terminal B-cell maturation Expressed at lower levels in thymus, lung, lymph node and peripheral blood leukocytes. Expressed in the medulla of fetal and newborn thymus

**ICOS Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)