

ICOS Polyclonal Antibody
Catalog # AP73896**Specification**

ICOS Polyclonal Antibody - Product Information

| | |
|-------------------|--------------------------|
| Application | WB |
| Primary Accession | O9Y6W8 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |

ICOS Polyclonal Antibody - Additional Information**Gene ID** 29851**Other Names**

ICOS; ALLIM; Inducible T-cell costimulator; Activation-inducible lymphocyte immunomediatory molecule; CD278

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ICOS Polyclonal 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

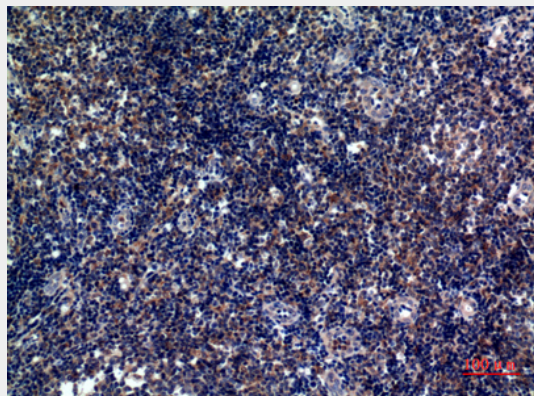
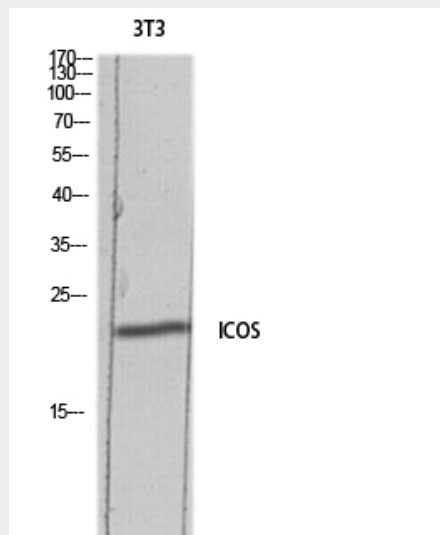
Activated T-cells. Highly expressed on tonsillar T- cells, which are closely associated with B-cells in the apical light zone of germinal centers, the site of terminal B-cell maturation Expressed at lower levels in thymus, lung, lymph node and peripheral blood leukocytes. Expressed in the medulla of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

ICOS Polyclonal 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](#)

ICOS Polyclonal Antibody - Images



ICOS Polyclonal Antibody - Background

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