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**Product Name: ICOS (16D3) Rabbit Monoclonal Antibody****Catalog #: AMRe12341**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight</b>	23kDa

**Antigen Information**

<b>Gene Name</b>	ICOS
<b>Alternative Names</b>	AILIM; CD278; CRP1; CVID1; ICOS;
<b>Gene ID</b>	29851.0
<b>SwissProt ID</b>	Q9Y6W8
<b>Immunogen</b>	A synthetic peptide of human ICOS

**Background**

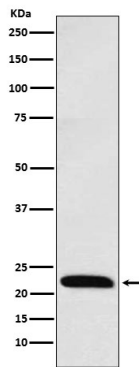
Enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of

molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. 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).

## Research Area

Cell adhesion molecules (CAMs);T\_Cell\_Receptor;Intestinal immune network for IgA production;Primary immunodeficiency;

## Image Data



Western blot analysis of ICOS expression in Jurkat cell lysate.