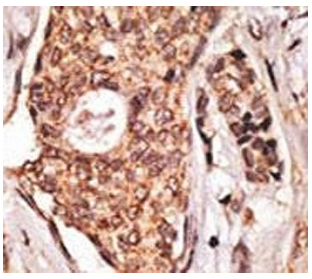
# ICOS Antibody (F49456)

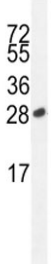
| Catalog No. | Formulation | Size |
|---|---|---|
| F49456-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F49456-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

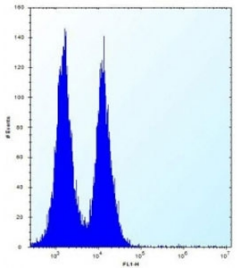
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | Q9Y6W8 |
| **Localization** | Cytoplasmic, cell membrane |
| **Applications** | IHC (Paraffin) : 1:50-1:100<br>Western Blot : 1:1000<br>Flow Cytometry : 1:10-1:50 |
| **Limitations** | This ICOS antibody is available for research use only. |



IHC analysis of FFPE human lymph node with ICOS antibody




ICOS antibody western blot analysis in Jurkat lysate. Predicted molecular weight ~23 kDa.



ICOS antibody flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control (left histogram). FITC-conjugated donkey-anti-rabbit secondary Ab was used for the analysis.

## Description

ICOS 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.

## Application Notes

Titration of the ICOS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 156-185 from the human protein was used as the immunogen for this ICOS antibody.

## Storage

Aliquot the ICOS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.