

Anti-ICOS Picoband Antibody
Catalog # ABO10049**Specification****Anti-ICOS Picoband Antibody - Product Information**

Application	IHC-P, E
Primary Accession	A00291-3
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for ICOS detection. Tested with IHC-P, Direct ELISA in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-ICOS Picoband Antibody - Additional Information**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml
Direct ELISA, 0.1-0.5 µg/ml

Subcellular Localization

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

Tissue Specificity

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.

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Anti-ICOS Picoband Antibody - Background

Inducible T-cell costimulator is an immune checkpoint protein that in humans is encoded by the ICOS gene. 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.

Immunogen

E. coli-derived human ICOS recombinant protein (Position: E21-K140).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After reconstitution, at 4°C; for one month. It can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.

Anti-ICOS Picoband Antibody - Protein Information**Anti-ICOS Picoband 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](#)