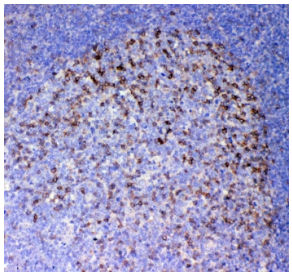
ICOS Antibody (RQ4163)

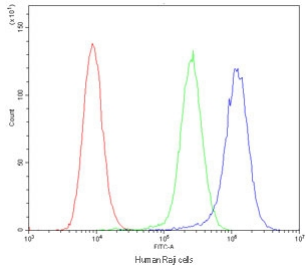
Catalog No.	Formulation	Size
RQ4163	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9Y6W8
Localization	Cytoplasmic, cell membrane
Applications	IHC (FFPE): 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml FACS: 1-3ug/10^6 cells
Limitations	This ICOS antibody is available for research use only.



IHC testing of FFPE human tonsil tissue with ICOS antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human Raji cells with ICOS antibody at 1ug/10^6 cells (cells blocked with goat sera); Red=cells alone, Green=isotype control, Blue=ICOS antibody.

Description

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.

Application Notes

Optimal dilution of the ICOS antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids E21-K140 was used as the immunogen for the ICOS antibody.

Storage

After reconstitution, the ICOS antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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