

Datasheet for ABIN2657721

**anti-ICOS antibody (Alexa Fluor 647)**[Go to Product page](#)**2** Images

## Overview

|              |                                                            |
|--------------|------------------------------------------------------------|
| Quantity:    | 100 µg                                                     |
| Target:      | ICOS                                                       |
| Reactivity:  | Human, Mouse, Rat                                          |
| Host:        | Hamster                                                    |
| Clonality:   | Monoclonal                                                 |
| Conjugate:   | This ICOS antibody is conjugated to Alexa Fluor 647        |
| Application: | Flow Cytometry (FACS), Intracellular Flow Cytometry (ICFC) |

## Product Details

|                   |                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------|
| Clone:            | C398-4A                                                                                                              |
| Isotype:          | IgG                                                                                                                  |
| Cross-Reactivity: | Rhesus Monkey, Pig (Porcine)                                                                                         |
| Purification:     | The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions. |

## Target Details

|                   |                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | ICOS                                                                                                                                                                                                                                                                                 |
| Alternative Name: | CD278 ( <a href="#">ICOS Products</a> )                                                                                                                                                                                                                                              |
| Background:       | ICOS, also known as inducible costimulatory molecule and H4, is a 47-57 kD protein. This protein is homologous to the CD28/CTLA-4 proteins. ICOS is expressed on activated T cells and a subset of thymocytes. It is able to costimulate T cells proliferation. In addition, ICOS is |

Target Details

involved in humoral immune responses (B cell germinal center formation). The ICOS ligand is B7h/B7RP-1 or B7-H2. ICOS stimulation has been shown to potentiate TCR-mediated IL-4 and IL-10 production and has been proposed to play a role in Th2 cell development.

Pathways: [Cancer Immune Checkpoints](#)

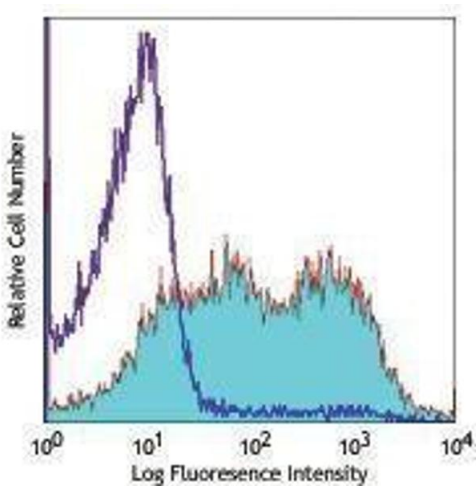
Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

Handling

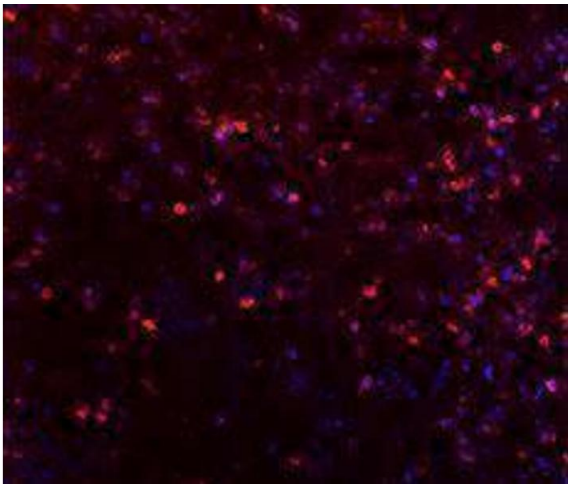
|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 0.5 mg/mL                                                                                                              |
| Buffer:            | Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.                                                   |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Protect from prolonged exposure to light. Do not freeze.                                                               |
| Storage:           | 4 °C                                                                                                                   |
| Storage Comment:   | The antibody solution should be stored undiluted between 2°C and 8°C                                                   |

Images



Flow Cytometry

Image 1.



Immunofluorescence

Image 2.