

Product datasheet

Anti-CD70 antibody [TAN1-6] ab281908

Recombinant

1 Image

Overview

Product name	Anti-CD70 antibody [TAN1-6]
Description	Rat monoclonal [TAN1-6] to CD70
Host species	Rat
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to CD70. Raised by immunizing LOU rats with soluble recombinant CD70:Fc fusion protein Database link: O55237
Positive control	ICC/IF: RAW 264.7 cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Proclin 300 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	TAN1-6
Isotype	IgG2a
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab281908 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function

Cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.

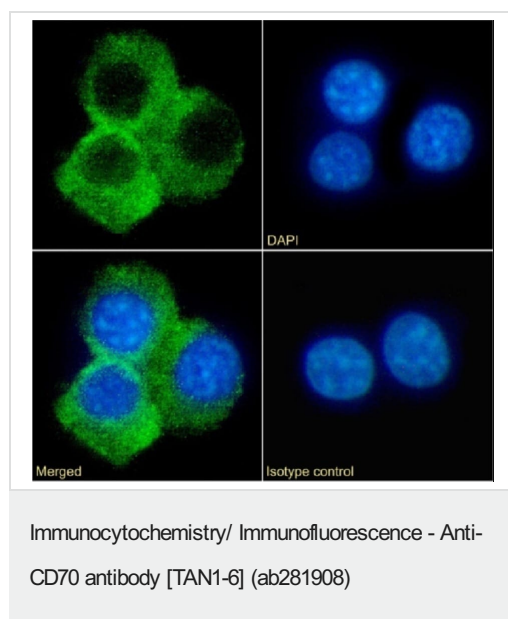
Sequence similarities

Belongs to the tumor necrosis factor family.

Cellular localization

Membrane.

Images



Immunofluorescence analysis of paraformaldehyde-fixed RAW 264.7 cells labeling CD70 with the chimeric rabbit version of this antibody at 10 µg/ml for 1 hour, followed by Alexa Fluor® 488 secondary antibody at 2 µg/ml. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom chimeric antibody, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor® 488 secondary antibody

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