Product datasheet

Anti-GITR antibody [CAL8] ab237714

Overview

Product name: Anti-GITR antibody [CAL8]
Description: Rabbit monoclonal [CAL8] to GITR
Host species: Rabbit
Tested applications:
Suitable for: Flow Cyt, IHC-P
Unsuitable for: ICC/IF, IP or WB
Species reactivity:
Reacts with: Human
Immunogen: Synthetic peptide. This information is considered to be commercially sensitive.
Positive control:
IHC-P: Human tonsil tissue. Flow Cyt: Human PBMCs.
General notes:
This product was previously labelled as TNFRSF18

Properties

Form: Liquid
Storage instructions:
Storage buffer:
pH: 7.50
Preservative: 0.05% Sodium azide
Constituent: PBS
Purity: Protein A purified
Purification notes:
Purity >99%.
Clonality: Monoclonal
Clone number: CAL8
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab237714 in the following tested applications.
Application notes: Is unsuitable for ICC/IF, IP or WB.

Function: Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-κappa-B activation via the TRAF2/NIK pathway.

Tissue specificity: Expressed in lymph node, peripheral blood leukocytes and weakly in spleen.

Sequence similarities: Contains 3 TNFR-Cys repeats.

Cellular localization: Secreted and Cell membrane.

Images:

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling GITR with ab237714 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining on the human tonsil tissue is observed. Counterstained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP). Perform heat mediated antigen retrieval using ab93684 (Tris/EDTA buffer, pH 9.0).
Flow cytometric analysis of 2% paraformaldehyde-fixed, 0.1% Tween-20 permeabilized human peripheral blood mononuclear cell (PBMC) treated with 10μg/ml PHA for 48hrs, labeling GITR with ab237714 at 1/500 (right) compared with a rabbit IgG (left). Goat anti rabbit IgG (Alexa Fluor® 488, ab150077), at 1/5000 dilution was used as the secondary antibody. Cells were surface stained with anti-CD25 conjugated to BV421. Then fixed with 2% PFA followed by intracellular staining rabbit IgG (Left) or ab237714 (Right).

Formalin-fixed, paraffin-embedded human tonsil tissue stained for TNFSF18 using ab237714 at 0.5 μg/ml in immunohistochemical analysis.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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