

Datasheet for ABIN5668238

Recombinant anti-CD40 antibody

3 Images



Overview

| Quantity: | 200 μg |
|----------------|-----------------------------------------------------------------------------------------------|
| Target: | CD40 |
| Reactivity: | Human |
| Host: | Rabbit |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Chimeric |
| Conjugate: | This CD40 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Activation (Act) |

Product Details

| Purpose: | Anti-CD40 [G28.5], Rabbit IgG, kappa |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | Human erythrocyte-rosette-negative tonsillar lymphocytes. |
| Clone: | G28-5 |
| Isotype: | IgG kappa |
| Specificity: | 48 kD Type I glycoprotein, a member of the TNFR superfamily primarily expressed on normal or malignant B cells or B cell lines, macrophages, follicular dendritic cells, endothelial cells, fibroblasts, and at low levels on plasma cells. |
| Characteristics: | Original Species of Ab: Mouse Original Format of Ab: IgG1 |

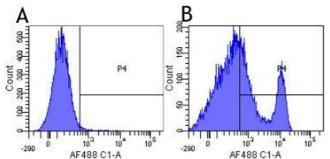
Product Details Purification: Protein A affinity purified Target Details Target: **CD40** Alternative Name CD40 (CD40 Products) Background: TNFRS5, Tumor necrosis factor receptor superfamily member 5, B-cell surface antigen CD40, Bp50, CD40L receptor CDw40, CD154R UniProt: P25942 Pathways: NF-kappaB Signaling, Cellular Response to Molecule of Bacterial Origin, M Phase, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints **Application Details** This antibody detects CD40 by immunostaining. The original mouse IgG1 format was shown to Application Notes: stimulate B-cells (Bishop 2012 and references therein). Comment: This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques. Restrictions: For Research Use only Handling 1 mg/mL Concentration: PBS with 0.02 % Proclin 300. Buffer: Preservative: ProClin Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

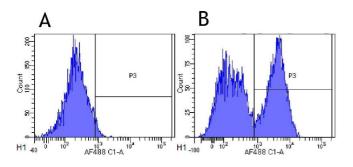
Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

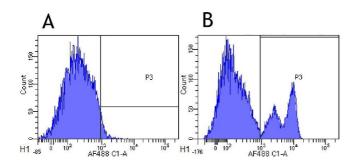
4 °C,-20 °C

Storage:

Storage Comment:







Flow Cytometry

Image 1. Flow-cytometry using anti-CD40 antibody G28.5 Human lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of G28.5 (panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FACSCanto flow-cytometer.

Flow Cytometry

Image 2. Flow-cytometry using anti-CD40 antibody G28.5 Rhesus monkey lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of G28.5 (panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FACSCanto flow-cytometer.

Flow Cytometry

Image 3. Flow-cytometry using anti-CD40 antibody G28.5 Cynomolgus monkey lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of G28.5 (panel B) at a concentration of 1 μ g/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FACSCanto flow-cytometer.