

Anti-CD40 [G28.5] Standard Size Ab00129-26.0

This chimeric rhesus macaque antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rhesus macaque IgG1, Kappa

Clone Number: G28.5

Alternative Name(s) of Target: TNFRS5; Tumor necrosis factor receptor superfamily member 5; B-cell surface antigen CD40; Bp50; CD40L receptor CDw40; CD154R

UniProt Accession Number of Target Protein: P25942

Published Application(s): Activate, IP, FC, IHC

Published Species Reactivity: Human

Immunogen: Human erythrocyte-rosette-negative tonsillar lymphocytes.

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.

Application Notes: This antibody detects CD40 by immunostaining. The original mouse IgG1 format was shown to stimulate B-cells (Bishop 2012 and references therein).

Antibody First Published in: Clark EA, Ledbetter JA. Activation of human B cells mediated through two distinct cell surface differentiation antigens, Bp35 and Bp50. Proc Natl Acad Sci U S A. 1986 Jun;83(12):4494-8. [PMID:3487090](#)

Note on publication: Describes the making of the antibody, shows it recognised a 50-kDa polypeptide expressed on all B cells using immunoprecipitation and flow cytometry.

Product Form

Size: 200 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

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

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.