Anti-CD40 [G28.5] Bulk Size Ab00129-23.0-BT

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.

Isotype and Format: Rabbit IgG, 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: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
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.