Anti-CD37 [G28-1] Bulk Size Ab02639-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human 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: Human IgG1, Fc Silent™, Kappa
Clone Number: G28-1
Alternative Name(s) of Target: TSPAN-26; Leukocyte antigen CD37; Tetraspanin-26; tetraspanin; Tspan-26
UniProt Accession Number of Target Protein: P11049
Published Application(s): depleting
Published Species Reactivity: Human
Immunogen: This antibody was raised by immunizing mice with CD37.
Specificity: This antibody recognises CD37, which is a cell surface protein, present mostly on mature B cells and B cell malignancies.
Application Notes: G28-1 antibody was used to deplete normal and malignant B cells (Hayden-Ledbetter, unpublishesd). This antibody and antibody fragments derived therefrom have been used in the research and trials on the generation of novel immunotherapuetic agents, alternative to anti-CD20 therpaies (rituximab) (Robak and Robak, 2014).
Antibody First Published in: Ledbetter et al. Monoclonal antibodies to a new gp40-45 (CD37) B cell associated cluster group modulate B cell proliferation. LEUCOCYTE TYPING III: WHITE CELL DIFFERENTIATION ANTIGENS: 339-341; Oxford University Press, USA (1987) PMID:
Note on publication: This article decribes the generation of the G28-1 antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C 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.