

Anti-CD20 [10F381 (rituximab)] Standard Size Ab00126-10.3

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

NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 10F381 (rituximab)

Alternative Name(s) of Target: Leu16; B-lymphocyte antigen CD20; B-lymphocyte surface antigen B1; Bp35 Leukocyte surface antigen Leu-16; Membrane-spanning 4-domains subfamily A member 1; CD20

UniProt Accession Number of Target Protein: P11836

Published Application(s): FC

Published Species Reactivity: Human, Rhesus Monkey, Cynomolgus Monkey

Immunogen: Human lymphoblastoid cell line SB.

Specificity: CD20 (Human B-lymphocyte-restricted differentiation antigen, Bp35), is a hydrophobic transmembrane protein with a molecular weight of approximately 35 kDa located on pre-B and mature B lymphocytes, and most B-cell non-Hodgkin's lymphomas, but is not found on stem cells, pro-B cells, normal plasma cells or other normal tissues .

Application Notes:

Antibody First Published in: Reff ME, Carner K, Chambers KS, Chinn PC, Leonard JE, Raab R, Newman RA, Hanna N, Anderson DR. Depletion of B cells in vivo by a chimeric mouse human monoclonal antibody to CD20. Blood. 1994 Jan 15;83(2):435-45. [PMID:7506951](#)

Note on publication: Describes the making of the chimeric murine anti-CD20 antibody 2B8 in conjunction with human kappa and IgG1 heavy-chain constant region sequences, and analysed using flow cytometry, in vivo pharmacology and animal systemic/tissue toxicity tests.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

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.