

## Anti-CD20 [10F381 (rituximab)] Standard Size Ab00126-16.0

This antibody does not have a J-chain.

This reformatted human antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgA1, 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:** 50 µg Purified antibody.

**Purification:** Affinity Purified using a recombinant lectin column

**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.