

Anti-CD20 [RA2 (Caninized)] Standard Size Ab02036-10.3

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

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: RA2 (Caninized)

Alternative Name(s) of Target: B-lymphocyte antigen CD20; Membrane-spanning 4-domains subfamily A member 1; MS4A1

UniProt Accession Number of Target Protein: Q3C2E2

Published Application(s): ELISA

Published Species Reactivity: Cat, Dog, Mouse

Immunogen: The original antibody was generated by immunizing mice with cyclic canine CD20 peptide.

Specificity: This antibody recognizes and binds an extracellular epitope containing amino acid sequence 'SEKNS' of the canine CD20. This antibody can also bind murine, feline CD20 and weakly binds human CD20.

Application Notes: This antibody is recommended for diagnosis and may be used for treatment of lymphomas and other immune mediated diseases in canines. The consistent expression of CD20 has been confirmed in canine B-cell lymphoma. RA2 is a caninised antibody derived from GA101 and capable of binding canine CD20, which was confirmed by ELISA.

Antibody First Published in: US20140294819 [PMID:](#)

Note on publication:

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.