

Anti-CD20 [VET309 (CD20-6)] Bulk Size Ab03765-23.0-BT

Isotype and Format: Rabbit IgG, Lambda

Clone Number: VET309 (CD20-6)

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

UniProt Accession Number of Target Protein: Q3C2E2

Published Application(s): functional assay, FC, IHC

Published Species Reactivity: Dog

Immunogen: The original antibody was generated by immunizing mice with CHO-DG44 cells expressing canine CD20.

Specificity: This antibody binds canine (dog) CD20 and does not cross react with cat CD20. This protein plays an important role in the regulation of cellular calcium influx necessary for development, differentiation, and activation of B-lymphocytes.

Application Notes: The binding reactivity of this antibody to recombinant dog CD20 expressed on the surface of CHO cells was determined using flow cytometry. This antibody binds recombinant dog CD20 with a binding affinity of $K_d = 63.41$ nM. This antibody exhibited a strong staining of B cells in a immunohistochemical staining of lymph node tissues collected from dogs with B-cell lymphoma. The ability of this antibody to alter the proliferation of lymphoma cells was checked using cell assays. This antibody was reported to cause a 27% reduction in proliferation of lymphoma cells (US9616120).

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

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.