



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CD20 [VET308 (CD20-5)] Standard Size Ab03764-1.1

**Isotype and Format:** Mouse IgG1, Lambda

**Clone Number:** VET308 (CD20-5)

**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:** Cat, 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 cross reacts with feline (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 and cat CD20 expressed on the surface of CHO cells was determined using flow cytometry. This antibody binds recombinant dog CD20 with a binding affinity of  $K_d = 1.2$  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 60% reduction in proliferation of lymphoma cells (US9616120).

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

**Note on publication:**

### Product Form

**Size:** 100 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.