

Anti-Canine Lymphoma [Mab231] Standard Size Ab02092-201.4

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 dog 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: Dog IgG2 (IgG-B), Fc Silent™, Kappa

Clone Number: Mab231

Alternative Name(s) of Target: Canine Lymphoma 17-71

UniProt Accession Number of Target Protein:

Published Application(s): RIA, FC

Published Species Reactivity: Dog, Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with canine lymphoma cell line 17-71.

Specificity: This antibody binds canine lymphoma cells.

Application Notes: This antibody is recommended for detection of canine lymphoma cells. The binding ability of the hybridoma supernatants with canine lymphoma cells was determined by radioimmunoassay. FACS analysis was used to analyse the binding of the antibody to cells freshly isolated from canine lymphomatous nodes and normal lymphocytes of canine and human blood (Steplewski et al., 1987). This antibody has been shown to exhibit antibody-dependent cellular cytotoxicity as well as complement-dependant cytolysis (Rosales et al., 1988). Canine lymphoma is conventionally treated with chemotherapy, but it was found that subsequent treatment with a specific monoclonal antibody, Mab 231, raised against the lymphoma, substantially prolonged remission and survival times (Jeglum, 1989).

Antibody First Published in: Steplewski et al. Canine lymphoma-associated antigens defined by murine monoclonal antibodies. Cancer Immunol Immunother (1987) 24:197-201. [PMID:](#)

Note on publication: Describes the antigens associated with canine lymphoma as characterized by murine antibodies.

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.