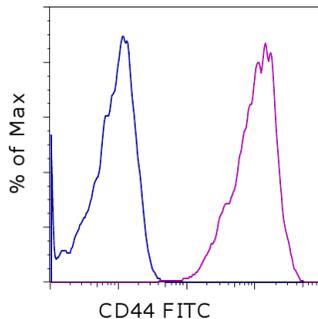


Anti-Canine CD44 FITC

Catalog Number: 11-5440

Also known as: Hyaluronate receptor

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal canine peripheral blood cells with Rat IgG2a kappa Isotype Control FITC (cat. 11-4321) (blue histogram) or Anti-Canine CD44 FITC (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Canine CD44 FITC
Catalog Number: 11-5440
Clone: YKIX337.8
Concentration: 5 μ L (0.125 μ g)/test
Host/Isotype: Rat IgG2a, kappa

REF

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



LOT



Batch Code: Refer to vial

Use By: Refer to vial

Description

This YKIX337.8 monoclonal antibody reacts with canine CD44, also known as phagocytic glycoprotein-1 (Pgp-1). CD44 is an adhesion molecule that binds hyaluronan, a major component of the extracellular matrix. This cell surface molecule is expressed on leukocytes and epithelial cells, as well as in canine mammary and melanocytic tumors. Furthermore, CD44 expression is induced by T cell activation.

Applications Reported

This YKIX337.8 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This YKIX337.8 antibody has been pre-titrated and tested by flow cytometric analysis of normal canine peripheral blood cells. This can be used at 5 μ L (0.125 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Paltian V, Alldinger S, Baumgärtner W, Wohlsein P. Expression of CD44 in canine mammary tumours. J Comp Pathol. 2009 Nov;141(4):237-47.

Cobbold S, Metcalfe S. Monoclonal antibodies that define canine homologues of human CD antigens: summary of the First International Canine Leukocyte Antigen Workshop (CLAW). Tissue Antigens. 1994 Mar;43(3):137-54. (YKIX337.8, FC)

Related Products

11-4321 Rat IgG2a K Isotype Control FITC (eBR2a)

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com