

CD44 Monoclonal Antibody (YKIX337.8), FITC, eBioscience™

Product Details	
Size	100 Tests
Species reactivity	Dog
Published species	Dog
Host / Isotype	Rat / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	YKIX337.8
Conjugate	FITC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4°C, store in dark, DO NOT FREEZE!
RRID	AB_10596956

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	5 Publications

Product Specific Information

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 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁴ to 10⁸ cells/test.

Excitation: 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

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