Datasheet for ABIN205997

anti-CD5 antibody (PE)

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Overview

Quantity:	1 mL
Target:	CD5
Reactivity:	Dog
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Concanavalin A activated canine peripheral blood cells.
Isotype:	IgG2a
Specificity:	Recognizes canine CD5, a 67 kD cell surface type 1 transmembrane glycoprotein also known as lymphocyte antigen T1, Ly-1 or Leu-1. CD5 is expressed on the surface of T-cells and thymocytes, CD5 is also expressed by NK cells at low levels. Was clustered as canine CD5 in the First Canine Leucocyte Antigen Workshop. In a study of 73 cases of canine chronic lymphocytic leukemia (CLL) CD5 expression was absent on all cases of B-cell CLL as defined by CD21 expression and lack of CD3 or other T cell antigen expression. Serves as a useful marker for the discrimination of canine leukemias of differing origins.
Purification:	Protein G purified

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	Name/Gene ID: CD5 Synonyms: CD5, CD5 antigen, CD5 antigen (p56-62), CD5 Molecule, Lymphocyte antigen T1/Leu-1, LEU1, T1
Gene ID:	921

Application Details

Application Notes:	Approved: Flo, IHC, IHC-Fr, IP Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. Flow Cytometry: Use 10 µL of the suggested working dilution to label 10^6 cells in 100 µL. Method sheets are available on request.
Comment:	Target Species of Antibody: Dog
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized, PBS, pH 7.4, 0.09 % sodium azide, 1 % BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.