

Datasheet for ABIN2739563 **anti-CD5 antibody**

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Overview

Quantity:	100 µg
Target:	CD5
Reactivity:	Human, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Stimulated human leukocytes were used as the immunogen for this CD5 antibody. Type of Immunogen: Cells
Clone:	CRIS-1
Isotype:	IgG2a kappa
Specificity:	Human CD5
Purification:	Protein G purified

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)

Target Details

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
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Application Details

Application Notes:	Approved: ELISA, Flo (0.5 - 1 µg/10 x10 ⁶), IF (0.5 - 1 µg/mL), IHC, IHC-Fr (0.5 - 1 µg/mL), IP
	Usage: This antibody recognizes a 67 kDa transmembrane protein, which is identified as CD5. It is found on 95 % of thymocytes and 72 % of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in Tcell areas. CD5 antibody is a pan Tcell marker that also reacts with a range of neoplastic Bcells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), mantle cell lymphoma, and a subset (~10 %) of diffuse large Bcell lymphoma. Aberrant expression is useful in making a diagnosis of mature Tcell neoplasms. CD5 antibody detection is diagnostic in CLL/SLL within a panel of other Bcell markers, especially one that includes anti-CD23. CD5 antibody is also very useful in differentiating among mature small lymphoid cell malignancies. In addition, it can be used in distinguishing thymic carcinoma (+) from thymoma (-). It does not react with granulocytes or monocytes. ELISA: Order BSA-free format for coating.

Comment:	Target Species of Antibody: Human
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 mg/mL BSA, 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2°C to 8°C.