

Datasheet for ABIN6185060 **anti-CD5 antibody (CF®647)**



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Overview

Quantity:	100 µL
Target:	CD5
Reactivity:	Human, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD5 antibody is conjugated to CF®647
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Purpose:	Mouse Monoclonal anti-CD5 (Cris-1), CF647 Conjugate
Immunogen:	Stimulated human leukocytes
Clone:	Cris-1
Isotype:	IgG2a kappa
Characteristics:	This antibody recognizes a 67 kDa transmembrane protein, which is identified as CD5 (HLDA I, WS Code T 29HLDA III, WS Code T 530). The CD5 antigen is found on 95 % of thymocytes and 72 % of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic B-cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), mantle cell lymphoma, and a subset (~10 %) of diffuse large B-cell lymphoma. CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional

Product Details

brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	CD5 antigen (p56 62), LEU1, Ly12, LyA, Lymphocyte antigen T1/Leu-1, Lymphocyte glycoprotein T1/Leu1, T-cell surface glycoprotein CD5
Molecular Weight:	67 kDa
Gene ID:	921, 58685
UniProt:	P06127

Application Details

Application Notes:	Flow Cytometry 0.5-1 µg/million cells/0.1 mL - Immunofluorescence 0.5-1 µg/mL Immunoprecipitation 0.5-1 µg/500 µg protein lysate - Optimal dilution for a specific application should be determined by user
Comment:	293T, Ramos, or MOLT-4 Cells. Tonsil.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % 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.
Handling Advice:	Protect from light