

Datasheet for ABIN6941054
anti-CD5 antibody



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2 Images

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), Immunofluorescence (IF), Immunoprecipitation (IP), Functional Studies (Func)

Product Details

Immunogen:	Stimulated human leukocytes
Clone:	CRIS-1
Isotype:	IgG2a kappa
Specificity:	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.
Purification:	Purified by Protein A/G

Target Details

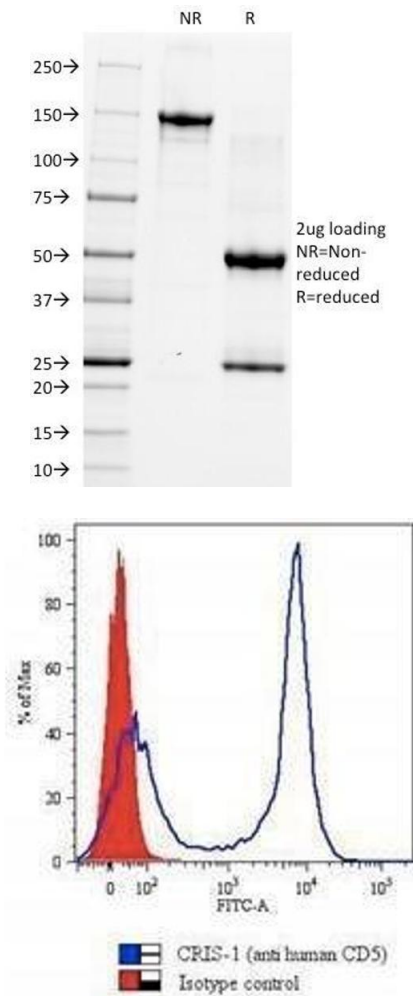
Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Molecular Weight:	67kDa
Gene ID:	921
UniProt:	P06127

Application Details

Application Notes:	Positive Control: 293T, Ramos or MOLT-4 cells. Tonsil. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Functional Studies (Order Ab without BSA & Azide), Immunoprecipitation (0.5-1 µg/500 µg protein lysate), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % 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.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD5 Monoclonal Antibody (CRIS-1). Confirmation of Integrity and Purity of Antibody.

Flow Cytometry

Image 2. FCM staining of human PBMCs using CD5 Monoclonal Antibody (CRIS-1).