

Anti-human CD15 FUT4 Monoclonal Antibody FITC Conjugated, Flow Validated

Catalog Number: FC04535-FITC

Introduction

The clone FUT4815 recognizes CD15, a cell surface protein (~220kDa) abundantly expressed by granulocytes and monocytes. CD15 plays important role in mediating phagocytosis, bactericidal activity, and also chemotaxis. CD15 is also expressed by Reed-Sternberg cells and some other epithelial cells. CD15 antibody is very useful in the identification of Hodgkin's disease and also large cell lymphomas of both B and T phenotypes.

This antibody is routinely tested by flow cytometric analysis. Flow cytometry and other applications were tested during antibody development or are reported in the literature.

Application Information

Each lot of this antibody has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 5µl of this product is sufficient for staining of 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended that antibody reactivity be empirically titrated for optimal performance in the application of interest.

Overview

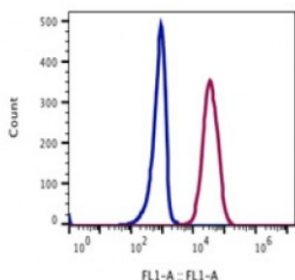
Product Name	Anti-human CD15 FUT4 Monoclonal Antibody FITC Conjugated, Flow Validated
Reactive Species	Human
Description	Boster Bio Anti-human CD15 FUT4 Monoclonal Antibody FITC Conjugated, Flow Validated (Catalog# FC04535-FITC). Tested in Flow Cytometry application(s). This antibody reacts with Human.
Conjugate	FITC
Application	Flow Cytometry
Clonality	Monoclonal Clone: FUT4/815
Formulation	PBS pH 7.2, 0.2% (w/v) BSA, 0.09% (w/v) sodium azide
Storage Instructions	Store at 2-8°C. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P22083

Technical Details

Immunogen	Purified human neutrophils
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Predicted Reactive Species	Bovine, Canine
Isotype	IgM,k
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Flow Cytometry, 5ul is enough to stain 1 million PBMCs or 100ul whole blood sample

Anti-human CD15 FUT4 Monoclonal Antibody FITC Conjugated, Flow Validated (FC04535-FITC) Images



Anti-human CD15 FITC, Flow Validated

1 Publications Citing This Product

1. PubMed ID: 10.1262/jrd.09-126N, Isolation, Culture and Biological Characteristics of Primordial Germ Cells from Beijing Fatty Chicken

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