

Anti-human CD57 B3GAT1 Monoclonal Antibody PE Conjugated, Flow Validated

Catalog Number: FC09548-PE

Introduction

Clone HNK-1 reacts with human CD57, a 110 KDa glycoprotein, which is present on a subset of NK lymphocytes and on a subset of T lymphocytes. It also reacts with myelin-associated glycoprotein in neuroectodermal tissue as well as cells of small cell lung carcinoma.

This antibody is routinely tested by flow cytometric analysis. Flow cytometry and other applications were tested during antibody development by CapricoBio 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 5ul of this product is sufficient for staining 1 million cells in 100ul staining volume or 100ul whole blood. It is recommended that antibody reactivity be empirically titrated for optimal performance in the application of interest.

Overview

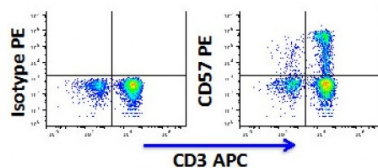
Product Name	Anti-human CD57 B3GAT1 Monoclonal Antibody PE Conjugated, Flow Validated
Reactive Species	Human
Description	Boster Bio Anti-human CD57 B3GAT1 Monoclonal Antibody PE Conjugated, Flow Validated (Catalog# FC09548-PE). Tested in Flow Cytometry application(s). This antibody reacts with Human.
Conjugate	PE
Application	Flow Cytometry
Clonality	Monoclonal Clone: HNK-1
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	Q9P2W7

Technical Details

Immunogen	Animals were immunized with a membrane extract of the human lymphoblastoid cell line HSB-2.
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>User needs to optimize the dilution ratio for this antibody.</p>

Anti-human CD57 B3GAT1 Monoclonal Antibody PE Conjugated, Flow Validated (FC09548-PE) Images



Lymphocytes gated PBMCs were stained with mouse anti-human CD57 PE (clone HNK-1) along with mouse anti-human CD3 APC (right panel). Lymphocytes gated PBMCs were stained with isotype control PE along with mouse anti-human CD3 APC (left panel).

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