Datasheet for ABIN7505845

anti-Blood Group ABH antibody (PE)

2 Images

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Overview

Quantity:	0.1 mg
Target:	Blood Group ABH
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Blood Group ABH antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Blood Group ABH PE
Immunogen:	Mixture of erythrocytes of group A1 and glycoprotein fraction isolated from saliva of secretors with blood group A.
Clone:	HE-10
Isotype:	IgM
Specificity:	The mouse monoclonal antibody HE-10 agglutinates erythrocytes of group A, and is excellent as a tumour marker in patients of blood group B and 0. It does not agglutinate erythrocytes of group B and 0. Study with specific oligosaccharides showed that the antibody HE-10 reacts with A and H antigens with chain types 3 and 4 and it does not react with A disaccharide, A trisaccharide, A type 1, A type 2, ALe^b. The antibody HE-10 does not react with normal tissue sections of donors with blood group B and 0 but it reacts specifically with malignant tissues.
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions.

Product Details

	Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Endotoxin Level:	Low Endotoxin

Target Details

Target:	Blood Group ABH
Abstract:	Blood Group ABH Products

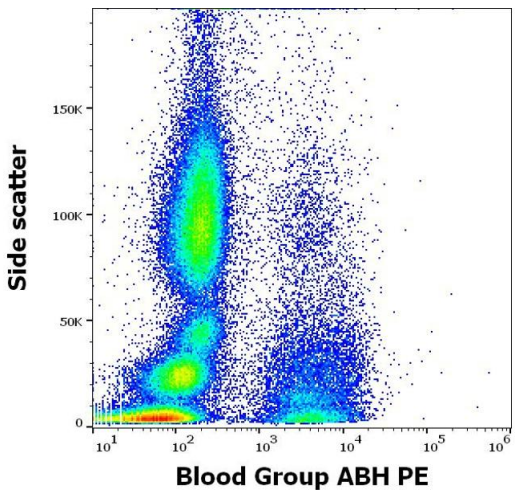
Application Details

Application Notes:	Flow cytometry: Recommended dilution: 2-5 µg/mL.
Restrictions:	For Research Use only

Handling

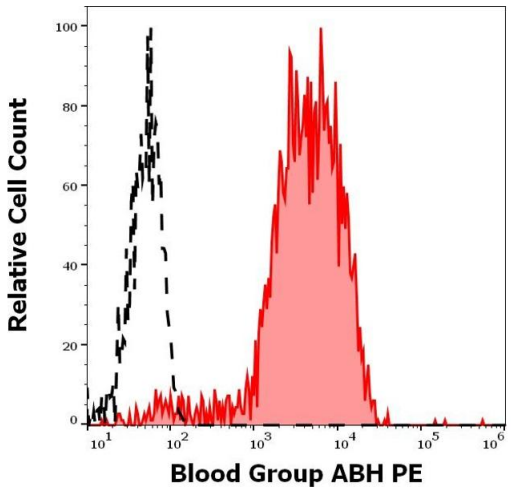
Concentration:	0.1 mg/mL
Buffer:	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human Blood Group ABH (HE-10) PE antibody (concentration in sample 5 µg/mL).



Flow Cytometry

Image 2. Separation of erythrocytes stained using anti-human Blood group ABH (HE-10) PE antibody (concentration in sample 5 µg/mL) from erythrocytes stained using mouse IgM isotype control (PFR-03) PE antibody (concentration in sample 5 µg/mL, same as anti-human Blood group ABH PE concentration, black-dashed) in flow cytometry analysis (surface staining) of human peripheral blood.