

Datasheet for ABIN7505844
anti-Blood Group ABH antibody[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	Blood Group ABH
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Blood Group ABH antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Blood Group ABH Purified
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 O. It does not agglutinate erythrocytes of group B and O. 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 O but it reacts specifically with malignant tissues.
Purification:	Purified by sequential steps of physicochemical fractionation (differential precipitation and

Product Details

	solid-phase chromatography methods).
Endotoxin Level:	Low Endotoxin

Target Details

Target:	Blood Group ABH
Abstract:	Blood Group ABH Products

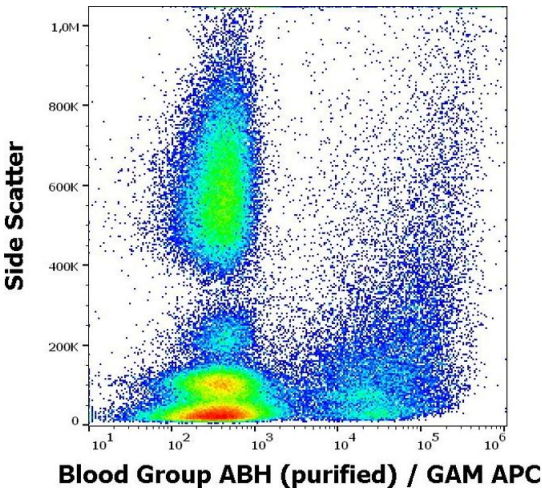
Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

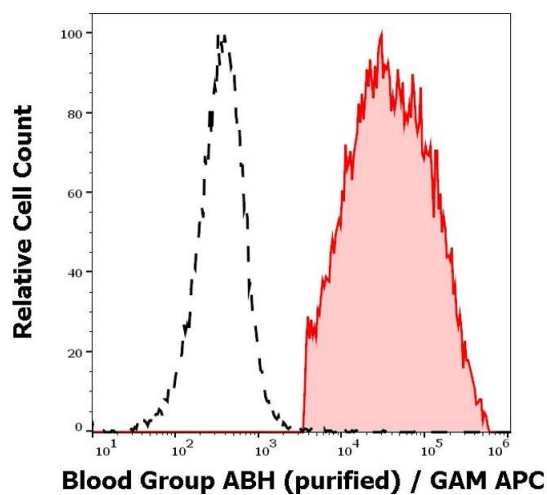
Concentration:	1 mg/mL
Buffer:	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Images



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood from group A donor stained using anti-blood group ABH (HE-10) purified antibody (concentration in sample 4 µg/mL, GAM APC).



Flow Cytometry

Image 2. Separation of human erythrocytes from blood group A donor (red-filled) from erythrocytes from blood group O donor (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood samples using anti-Blood group ABH (HE-10) purified antibody (concentration in sample 4 µg/mL, GAM APC).