

anti-Human Blood Group A Antibody

Anti-Blood Group A PE

CATALOG # AAA129310	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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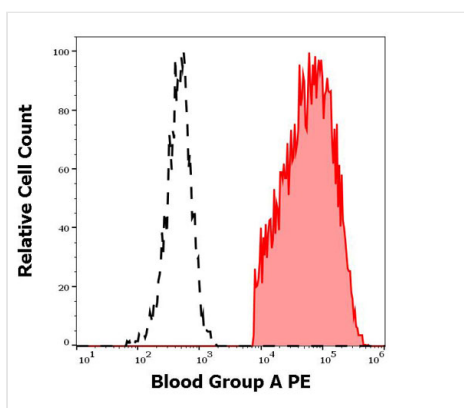
PRODUCT SYNONYMS

Blood Group A; Anti-Blood Group A PE; anti-Blood Group A antibody

PRODUCT SPECIFICATIONS

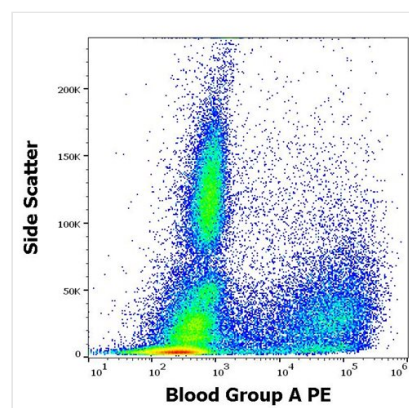
Reactivity	Human
Isotype	Mouse IgM
Clone Number	HE-193
Specificity	The antibody HE-193 recognizes human blood group A (monofucosyl and difucosyl A antigens with chain types 1 and 2, A antigens with chain types 3, 4, 5, 6) and Forssman antigen.
Form/Format	PE Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Concentration	0.1mg/ml (varies by lot)
Applicable Applications for anti-Blood Group A antibody	FCM/FACS (Flow Cytometry)
Immunogen	Mixture of erythrocytes of group A1 and glycoprotein fraction isolated from saliva of secretors with blood group A.
Preparation and Storage	Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Separation of human erythrocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human Blood Group A (HE-193) PE antibody (concentration in sample 5 ?g/ml).



FCM/FACS (Flow Cytometry)

Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human Blood Group A (HE-193) PE antibody (concentration in sample 5 ?g/ml).

ADDITIONAL INFORMATION

Related Product Information for anti-Blood Group A antibody	Human blood group A antigen belongs to a group of carbohydrate determinants carried on both glycolipids and glycoproteins; it is detected on erythrocytes and certain epithelial cells.
References	*Nemec M, Drimalova D, Horejsi V, Vanak J, Bartek J, Viklicky V: Murine monoclonal antibodies to human A erythrocytes: differential reactivity with N-acetyl-D-galactosamine. Vox Sang. 1987;52(1-2):125-8., URL: https://www.ncbi.nlm.nih.gov/pubmed/2440181?dopt=A ,

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/blood-group-a/129310>