

anti-Human Blood Group ABH Antibody | anti-ABH antibody

Anti-Blood Group ABH PE

CATALOG # AAA129309	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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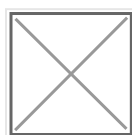
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

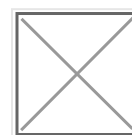
Reactivity	Human
Isotype	Mouse IgM
Clone Number	HE-10
Specificity	The mouse monoclonal antibody HE-10 agglutinates erythrocytes of group A, and is excellent as a tumour marker in patients of blood group B and O. It does not agglutinate erythrocytes of group B and O. Study with specific oligosaccharides 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.
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-ABH 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 erythrocytes stained using anti-human Blood group ABH (HE-10) PE antibody (concentration in sample 5 ?g/ml) from erythrocytes stained using mouse IgM isotype control (PFR-03) PE antibody (concentration in sample 5 ?g/ml, same as anti-human Blood group ABH PE concentration, black-dashed) in flow cytometry analysis (surface staining) of human peripheral blood.



FCM/FACS (Flow Cytometry)

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 ?g/ml).

ADDITIONAL INFORMATION

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,*Vanak J, Drimalova D, Smyslova O, Nemec M, Viklicky V, Wisniewski K: Detection of blood group A antigen expression in human colon cancer using monoclonal antibodies with different specificities. Neoplasma. 1989;36(4):479-88., URL: https://www.ncbi.nlm.nih.gov/pubmed/2475797?dopt=A,
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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-abh/129309>