# Mouse anti-Human Blood Group A Monoclonal Antibody

Anti-Blood Group A Purified

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA129097** | **Mouse** | **Human** | **Flow Cytometry, Functional Assay** |

## PRODUCT SYNONYMS

Blood Group A; Monoclonal Antibody; Anti-Blood Group A Purified; anti-Blood Group A antibody

## PRODUCT SPECIFICATIONS

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| **Host** | Mouse |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **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. |
| **Purity/Purification** | Purified by protein-A affinity chromatography |
| **Form/Format** | Purified. Tris buffered saline (TBS) solution with 15mM sodium azide |
| **Concentration** | 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. Do not freeze. Do not use after expiration date stamped on the label. |

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-Blood Group A antibody** | Human blood group A antigen belongs to a group of carbohydrate determinats 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/2440181dopt=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.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/blood-group-a-antibody-clone-he-193-flow-cytometry-elisa/129097