



Interbiotech - BioScience Innovations

MF2481

## Monoclonal Antibody to Blood Group A

**Cat# : MF2481, 1ml hybridoma culture supernatant**

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.

- Clone:** HE-193
- Isotype:** Mouse IgM
- 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.
- Immunogen:** Mixture of erythrocytes of group A1 and glycoprotein fraction isolated from saliva of secretors with blood group A.
- Species Reactivity:** Human
- Application:**
- Immunohistochemistry (paraffin sections)
  - Agglutination
- Preparation:** The hybridoma culture supernatant is 4 x concentrated by ultrafiltration using 100 kDa-cut off membrane.
- Storage / Stability:** Store at 2-8°C. Do not use after expiration date stamped on vial label. Do not freeze.
- 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.

*For in vitro research use only*