

Monoclonal Antibody to Blood Group A1B Antigen

Catalog No.:	BM253SX
Quantity:	2 ml
Host / Isotype:	Mouse / IgM
Clone:	HE-24
Immunogen:	Human epidermoid carcinoma cells
Format:	State: Liquid Tissue Culture Supernatant containing 0.09% Sodium Azide (NaN ₃)
Applications:	Agglutination. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes a determinant topographically related to terminal N-acetyl-D-galactosamine in blood group A specific trisacharide. Haemagglutination activity is inhibited by D-GalNac. The A antigen is widely distributed in the erythrocytes cells and tissues and body fluids of A positive individuals. The reactive group GalNAcα1-Ser (or Thr) is exposed in sialoglycoproteins of individuals with Tn syndrome irrespective of their A antigen status. The antibody HE-24 distinguishes blood group A1B from A2B. The specificity of the antibody was verified on > 1000 samples of blood. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.