

BM256**Monoclonal Antibody to Blood Group B Antigen - Supernatant**

Alternate names:	Blood Group B Antigen
Quantity:	1 ml
Background:	Blood group antigens are generally defined as molecules formed by sequential addition of saccharides to the carbohydrate side chains of lipids and proteins detected on erythrocytes and certain epithelial cells. The A, B and H antigens are reported to undergo modulation during malignant cellular transformation. Blood group related antigens represent a group of carbohydrate determinants carried on both glycolipids and glycoproteins. They are usually mucin type, and are detected on erythrocytes, certain epithelial cells, and in secretions of certain individuals. Sixteen genetically and biosynthetically distinct but inter related specificities belong to this group of antigens, including A, B, H, Lewis A, Lewis B, Lewis X, Lewis Y, and precursor type 1 chain antigens.
Host / Isotype:	Mouse / IgM
Clone:	HEB-29
Immunogen:	Mixture of erythrocytes of group B and glycoprotein fraction isolated from saliva of secretors with blood group B.
Format:	State: Liquid Hybridoma Culture Supernatant 4 x concentrated by Ultrafiltration using 100 kDa-cut off membrane.
Applications:	Agglutination. Immunohistochemistry on Paraffin Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody reacts with Human Blood Group B. The specificity of the antibody was confirmed by comparison of specificity and reactivity to standard reagent using > 5.000 samples of blood. Species: Human. Other species not tested.
Storage:	Store the antibody at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
Product Citations:	Originator or purchased from resellers: 1. NĀmec M, DrĀmalov D, Horejs V, Vank J, Brtek J, Viklick V. Murine monoclonal antibodies to human A erythrocytes: differential reactivity with N-acetyl-D-galactosamine. Vox Sang. 1987;52(1-2):125-8. PubMed PMID: 2440181. 2. Vank J, DrĀmalov D, Smyslov O, NĀmec M, Viklick 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. PubMed PMID: 2475797.