

Product datasheet for **BM256**

Blood Group B Antigen Mouse Monoclonal Antibody [Clone ID: HEB-29]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | HEB-29 |
| Applications: | AGG, IHC |
| Recommended Dilution: | Agglutination. Immunohistochemistry on Paraffin Sections. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgM |
| Clonality: | Monoclonal |
| Immunogen: | Mixture of erythrocytes of group B and glycoprotein fraction isolated from saliva of secretors with blood group B. |
| 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. |
| Formulation: | State: Supernatant State: Liquid Hybridoma Culture Supernatant 4 x concentrated by Ultrafiltration using 100 kDa-cut off membrane. |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody at 2-8°C. DO NOT FREEZE! |
| Stability: | Shelf life: one year from despatch. |



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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.

Synonyms:

Blood Group B Antigen