

Product datasheet

Anti-Blood Group B Antigen antibody [HEB-29] ab2524

3 References

Overview

Product name	Anti-Blood Group B Antigen antibody [HEB-29]
Description	Mouse monoclonal [HEB-29] to Blood Group B Antigen
Host species	Mouse
Specificity	This antibody recognizes human blood group B antigens. The specificity of the antibody HEB-29 was confirmed by comparison of specificity and reactivity to standard reagent using >5.000 samples of blood.
Tested applications	Suitable for: Agglutination, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Mixture of erythrocytes of blood group B and glycoprotein fraction isolated from the saliva of secretors with blood group B.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: Tissue culture supernatant
Purity	Tissue culture supernatant
Purification notes	Concentrated by ultrafiltration (100 kDa cut-off). Actual immunoglobulin concentration not determined.
Clonality	Monoclonal
Clone number	HEB-29
Myeloma	unknown
Isotype	IgM
Light chain type	unknown

Applications

Our [Abpromise guarantee](#) covers the use of **ab2524** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Agglutination		Use at an assay dependent dilution. The minimum titre is 1:128 with erythrocytes of blood group B.
IHC-P		Use at an assay dependent dilution.

Target

Relevance

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.

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