

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

★★★★★ [1 Abreviews](#) [7 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: IHC-P, Agglutination
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.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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

The Abpromise guarantee 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
IHC-P	★★★★☆ (1)	Use at an assay dependent concentration.
Agglutination		Use at an assay dependent concentration. The minimum titre is 1:128 with erythrocytes of blood group B.

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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