

Product datasheet

Anti-Blood Group A, B and H Antigens antibody [HE-10] ab2523

[2 References](#) [2 Images](#)

Overview

Product name	Anti-Blood Group A, B and H Antigens antibody [HE-10]
Description	Mouse monoclonal [HE-10] to Blood Group A, B and H Antigens
Host species	Mouse
Specificity	Studies with specific oligosaccharides showed that this antibody detects A and H antigens with chain types 3 and 4. This antibody does not react with A disaccharide, A trisaccharide, A type 1, A type 2 or ALe ^b . This antibody reacts with normal and malignant tissue sections from donors with blood group A. It does not react with normal tissue sections from donors with blood group B and 0 but it does react specifically with malignant tissues.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Blood Group A, B and H Antigens. Mixture of erythrocytes of blood group A1 and glycoprotein fraction isolated from the saliva of secretors with blood group A.
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.

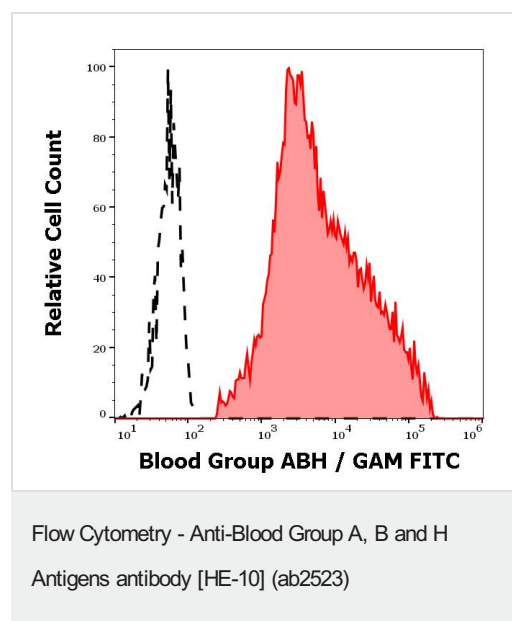
Clonality	Monoclonal
Clone number	HE-10
Myeloma	unknown
Isotype	IgM
Light chain type	unknown

Applications

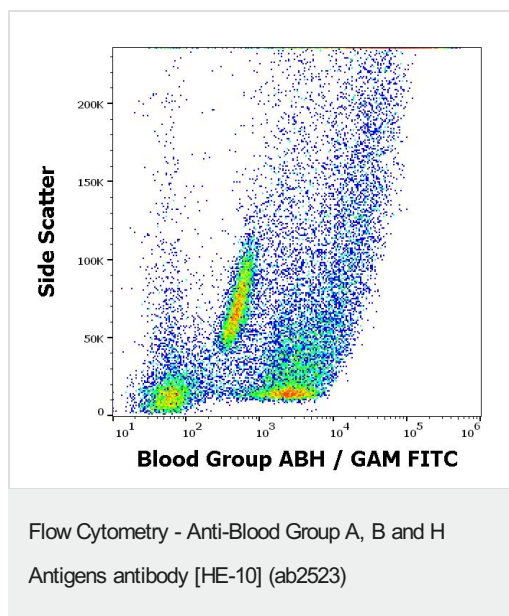
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab2523 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.

Images



Separation of human erythrocytes from blood group A donor (red-filled) from erythrocytes from blood group O donor (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood samples using ab2523.



Flow cytometry surface staining pattern of human peripheral whole blood from group A donor stained using ab2523.

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

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