

## Product datasheet

# Anti-Blood Group B Antigen antibody [Z5H-2] ab24224

### 1 References

#### Overview

<b>Product name</b>	Anti-Blood Group B Antigen antibody [Z5H-2]
<b>Description</b>	Mouse monoclonal [Z5H-2] to Blood Group B Antigen
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, ELISA, WB, Flow Cyt, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Antigen B of blood cells.

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Purified from TCS
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	Z5H-2
<b>Isotype</b>	IgM

#### Applications

Our [Abpromise guarantee](#) covers the use of **ab24224** 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
ICC/IF		
ELISA		

Application	Abreviews	Notes
WB		
Flow Cyt		
IP		

#### Application notes

ELISA: Use at an assay dependent dilution.  
 Flow Cyt: Use at an assay dependent dilution.  
 ICC/IF: Use at an assay dependent dilution PMID 17666368.  
 IP: Use at an assay dependent dilution.  
 WB: Use at an assay dependent dilution.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

#### 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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