

Product datasheet

Anti-Blood Group AB antigen antibody [Z5H-2/Z2A] ab24223

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Blood Group AB antigen antibody [Z5H-2/Z2A]
Description	Mouse monoclonal [Z5H-2/Z2A] to Blood Group AB antigen
Host species	Mouse
Tested applications	Suitable for: ELISA, WB, Flow Cyt, IP, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Antigen A B of blood cells.

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	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	Z5H-2/Z2A
Isotype	IgM

Applications

Our [Abpromise guarantee](#) covers the use of **ab24223** 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
ELISA		
WB		

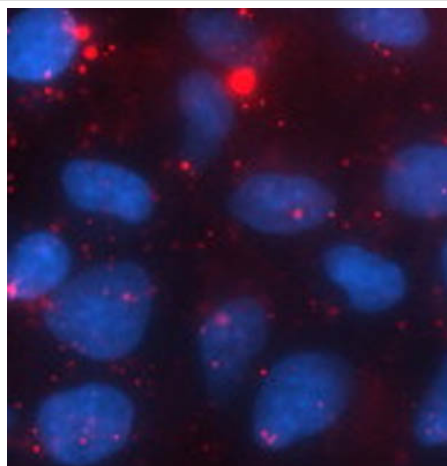
Application	Abreviews	Notes
Flow Cyt		
IP		
ICC/IF		

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 19608744).
 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.

Images



ab24223 staining Blood Group AB antigen in A549 cells by Immunocytochemistry/ Immunofluorescence. Cells were rinsed in PBS and fixed in 4% paraformaldehyde in PBS (15 minutes), rinsed, and blocked in 5% lamb serum in PBS/Tween 20 (15 minutes, room temperature). Cells were rinsed three times in PBS before application of primary antibodies. ab24223 diluted 1/400 in 5% lamb serum in PBS and applied to the fixed cells overnight (4 °C). Specimens were rinsed three times in PBS, and Alexa 568-conjugated goat anti-mouse IgG secondary antibody diluted 1/800 in PBS was applied. Counterstained with DAPI.

Immunocytochemistry/ Immunofluorescence - Anti-Blood Group AB antigen antibody [Z5H-2/Z2A] (ab24223)

Image from Higgins MA et al, J Biol Chem. 2009 Sep 18;284(38):26161-73. Epub 2009 Jul 16, Fig 2. DOI 10.1074/jbc.M109.024067

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