

# Product Datasheet

## ABO, Blood Group B Antigen Antibody (HEB-29) NB120-2524

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB120-2524**

ABO, Blood Group B Antigen Antibody (HEB-29)

**Product Information**

<b>Unit Size</b>	1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HEB-29
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgM
<b>Purity</b>	Concentrated Supernatant
<b>Buffer</b>	The hybridoma culture supernatant is 4 x concentrated by ultrafiltration using 100 kDa-cut off membrane.

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	28
<b>Gene Symbol</b>	ABO
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody HEB-29 reacts with human blood group B. The specificity of the antibody HEB-29 was confirmed by comparison of specificity and reactivity to standard reagent using >5.000 samples of blood.
<b>Immunogen</b>	Mixture of erythrocytes of blood group B and glycoprotein fraction isolated from the saliva of secretors with blood group B.

**Product Application Details**

<b>Applications</b>	Aggregation, Immunohistochemistry, Immunohistochemistry-Paraffin, Agglutination
<b>Recommended Dilutions</b>	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Aggregation, Agglutination
<b>Application Notes</b>	In agglutination tests, the minimum titre is 1:128 with erythrocytes of blood group B.

**Images**

Agglutination: ABO, Blood Group B Antigen Antibody (HEB-29) [NB120-2524] - Agglutination of particular blood groups using mouse monoclonal HEB-29 (anti-blood group B).

Clone	Agglutination of tested blood groups				
	A <sub>1</sub>	B	A <sub>1</sub> B	A <sub>2</sub> B	0
HE-193 (anti-A)	+	-	+	+	-
HE-195 (anti-A)	+	-	+	+	-
HEB-29 (anti-B)	-	+	+	+	-
HE-24 (anti-A <sub>1</sub> B)	+	-	+	-	-

## Publications

Vanak J, Drimalova D, Smyslova O, Nemec M, Viklicky V, Wisniewski K. : Detection of blood group A antigen expression in human colon cancer using monoclonal antibodies with different specificities. *Neoplasma*;36(4):479-88. 1989-01-01 [PMID: 2475797]

Nemec M, Drimalova D, Horejsi V, Vanak J, Bartek J, Viklicky V. Murine monoclonal antibodies to human A erythrocytes: differential reactivity with N-acetyl-D-galactosamine. *Vox Sang*;52(1-2):125-8. 1987-01-01 [PMID: 2440181]





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### **Products Related to NB120-2524**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)
DHAPG0	Haptoglobin [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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