

# Blood Group A antigen antibody [HE-193]

**Cat. No. GTX22521**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgM
<b>Application</b>	IHC-P, Functional Assay, Agglutination, TLC
<b>Reactivity</b>	Human, Moose

Reference ( 3 )  
Package  
1 ml

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	Assay dependent
Functional Assay	Assay dependent
Agglutination	Assay dependent
TLC	Assay dependent

Not tested in other applications.

### Product Note

This antibody recognizes human blood group A (monofucosyl and difucosyl A antigens with chain types 1 and 2, A antigens with chain types 3, 4, 5, 6) and Forssman antigen.

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	Tissue culture supernatant
<b>Preservative</b>	No preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Mixture of erythrocytes of group A1 and glycoprotein fraction isolated from saliva of secretors with blood group A.
<b>Purification</b>	Concentrated by ultrafiltration using 100 kDa-cut off membrane From tissue culture supernatant
<b>Conjugation</b>	Unconjugated



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**Note**

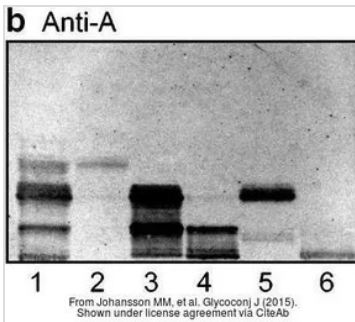
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DATA IMAGES

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)	+	-	+	-	-

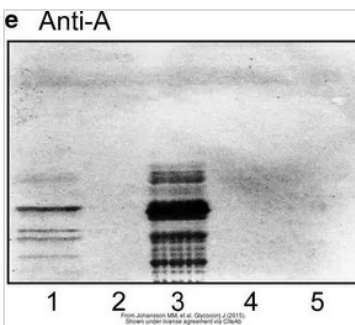
**GTx22521 Agglutination Image**

Agglutination analysis of particular blood groups using GTx22521 Blood Group A antigen antibody [HE-193].



**GTx22521 TLC Image**

The data was published in the journal Glycoconj J in 2015. [PMID: 26104834](https://pubmed.ncbi.nlm.nih.gov/26104834/)



**GTx22521 TLC Image**

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