

# Product Datasheet

## ABO, Blood Group A Antigen Antibody (HE-195) NB120-2522

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB120-2522**

ABO, Blood Group A Antigen Antibody (HE-195)

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 1 ml   |
| <b>Concentration</b> | This product is unpurified. The exact concentration of antibody is not quantifiable.                       |
| <b>Storage</b>       | Store at 4C. Do not freeze.  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | HE-195   |
| <b>Preservative</b>  | No Preservative  |
| <b>Isotype</b>       | IgM  |
| <b>Purity</b>        | Tissue culture 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> | This recognizes human blood group A antigens, including weak variants A <sub>3</sub> , A <sub>X</sub> , A <sub>3</sub> B, A <sub>X</sub> B. The specificity of antibody HE-195 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 A and glycoprotein fraction isolated from the saliva of secretors with blood group A.  |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Aggregation, Agglutination   |
| <b>Recommended Dilutions</b> | Aggregation, Agglutination   |
| <b>Application Notes</b>     | In agglutination tests, the minimum titre is 1:256 with erythrocytes of blood group A <sub>sub1</sub> /sub |

**Images**

Agglutination: ABO, Blood Group A Antigen Antibody (HE-195) [NB120-2522] - Agglutination of particular blood groups using mouse monoclonal HE-195 (anti-blood group A).

| 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) | +                                    | - | +                | -                | - |



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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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