

# Product Datasheet

## CD79A Antibody (HM47) - BSA Free NBP3-09121

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 5/4/2022 v.20.1

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**NBP3-09121**

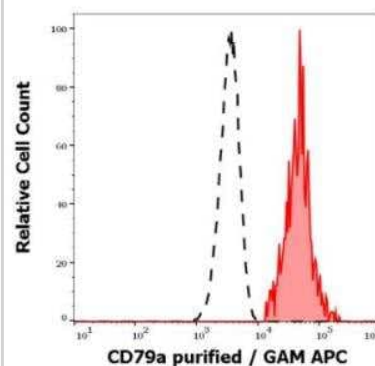
CD79A Antibody (HM47) - BSA Free

| Product Information         |                                                                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                    |
| Concentration               | 1 mg/ml                                                                                                                                                                                   |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                    |
| Clonality                   | Monoclonal                                                                                                                                                                                |
| Clone                       | HM47                                                                                                                                                                                      |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                        |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                |
| Purity                      | Protein A purified                                                                                                                                                                        |
| Buffer                      | PBS                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                           |
| Host                        | Mouse                                                                                                                                                                                     |
| Gene ID                     | 973                                                                                                                                                                                       |
| Gene Symbol                 | CD79A                                                                                                                                                                                     |
| Species                     | Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Equine, Guinea Pig, Primate, Rabbit                                                                                                  |
| Specificity/Sensitivity     | The mouse monoclonal antibody HM47 reacts with intracellular domain of CD79a (Ig alpha), a 40-45 kDa subunit of B cell antigen-specific receptor (BCR) and its early developmental forms. |
| Immunogen                   | Synthetic peptide corresponding to C terminal amino acids 208-222 of human CD79A                                                                                                          |
| Product Application Details |                                                                                                                                                                                           |
| Applications                | Western Blot, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation                                                              |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, Flow Cytometry 1-4 ug/ml, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular) 1-4 ug/ml                                |

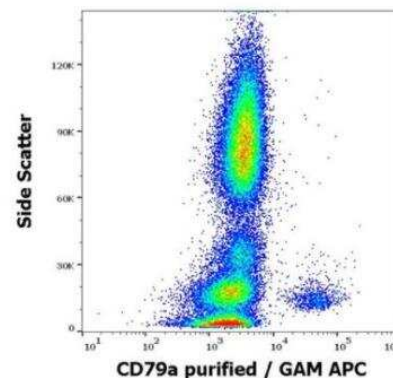


## Images

Flow Cytometry: CD79A Antibody (HM47) [NBP3-09121] - Separation of human CD79a positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (intracellular staining) of human peripheral whole blood stained using anti-human CD79a (HM47) purified antibody (concentration in sample 4 ug/ml, GAM APC).



Flow Cytometry: CD79A Antibody (HM47) [NBP3-09121] - Intracellular staining pattern of human peripheral whole blood stained using anti-human CD79a (HM47) purified antibody (concentration in sample 4 ug/ml, GAM APC).





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### **Products Related to NBP3-09121**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP2-60209-50ug  | Recombinant Human CD79A His Protein                     |

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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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