

# Product Datasheet

## CD4 Antibody (3-4F4) - Azide and BSA Free NBP1-28258-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Updated 9/9/2025 v.20.1

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**NBP1-28258-0.1mg**

CD4 Antibody (3-4F4) - Azide and BSA Free

**Product Information**

|                      |                             |
|----------------------|-----------------------------|
| <b>Unit Size</b>     | 0.1 mg                      |
| <b>Concentration</b> | 0.5 mg/ml                   |
| <b>Storage</b>       | Store at 4C. Do not freeze. |
| <b>Clonality</b>     | Monoclonal                  |
| <b>Clone</b>         | 3-4F4                       |
| <b>Preservative</b>  | No Preservative             |
| <b>Isotype</b>       | IgG1 Kappa                  |
| <b>Purity</b>        | Protein A or G purified     |
| <b>Buffer</b>        | 0.1M BBS (pH 8.2)           |

**Product Description**

|                                |                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Mouse CD4 Antibody (3-4F4) - Azide and BSA Free (NBP1-28258) is a monoclonal antibody validated for use in Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                  |
| <b>Gene ID</b>                 | 920                                                                                                                                                                                                    |
| <b>Gene Symbol</b>             | CD4                                                                                                                                                                                                    |
| <b>Species</b>                 | Feline                                                                                                                                                                                                 |
| <b>Specificity/Sensitivity</b> | Feline CD4, Mr 65 kDa Feline/Lion CD4                                                                                                                                                                  |
| <b>Immunogen</b>               | Feline T cells                                                                                                                                                                                         |

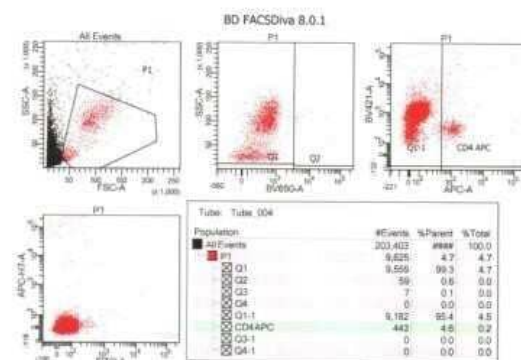
**Product Application Details**

|                              |                              |
|------------------------------|------------------------------|
| <b>Applications</b>          | Flow Cytometry               |
| <b>Recommended Dilutions</b> | Flow Cytometry 1:10 - 1:1000 |

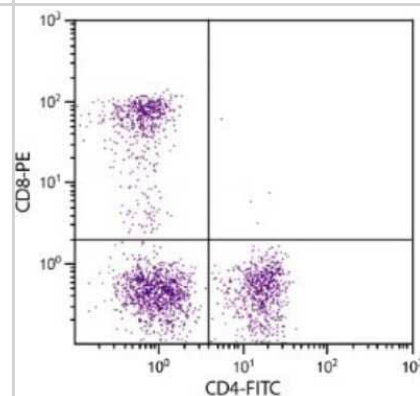


## Images

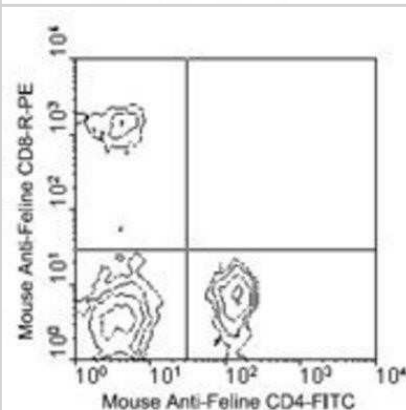
Flow Cytometry: CD4 Antibody (3-4F4) [NBP1-28258] - Cat phenotyping. The whole blood cells from the cat were washed and incubated at 4degree with the antibody. It helped characterize Tcell population in the species. This image was submitted via customer review. Image from the Allophycocyanin version of this antibody.



Flow Cytometry: CD4 Antibody (3-4F4) [NBP1-28258] - Analysis using the FITC conjugate of NBP1-28258. Multiple staining of peripheral lymphocytes.



Flow Cytometry: CD4 Antibody (3-4F4) [NBP1-28258] - Analysis using the FITC conjugate of NBP1-28258. Double staining of 1 ug/10<sup>6</sup> Peripheral blood mononuclear cells from a healthy domestic cat with mouse anti-feline CD4-FITC and mouse anti-feline CD8-R-PE.





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### **Products Related to NBP1-28258-0.1mg**

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| 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)           |
| NBP1-28258APC-0.1ml | CD4 Antibody (3-4F4) [Allophycocyanin]                  |

### **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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