

# Product Datasheet

## CD4 Antibody (MT310) [DyLight 488] NBP2-52706G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52706G**

CD4 Antibody (MT310) [DyLight 488]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | MT310  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG1 Kappa   |
| <b>Conjugate</b>                   | DyLight 488  |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 920  |
| <b>Gene Symbol</b>                 | CD4  |
| <b>Species</b>                     | Human, Cynomolgus Monkey, Rhesus Macaque   |
| <b>Reactivity Notes</b>            | Human, Rhesus Monkey, Cynomolgus Monkey  |
| <b>Specificity/Sensitivity</b>     | mt310 binds to the extracellular domain D1 of CD4 -the same site as the HIV-1 gp120-binding site   |
| <b>Immunogen</b>                   | CD4  |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, CyTOF-ready |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP2-52706G**

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|                   |   |
|-------------------|---|
| NBP1-43319G-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 488] |
| NBP1-19371PEP     | CD4 Antibody Blocking Peptide                               |
| 210-TA-005        | TNF-alpha [Unconjugated]                                    |
| 514-CD-050/CF     | CD4 [Unconjugated]  |

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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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