

# Product Datasheet

## CD3 zeta [p Tyr111] Antibody (EM-55) [mFluor Violet 500 SE] NBP2-37709MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-37709MFV500**

CD3 zeta [p Tyr111] Antibody (EM-55) [mFluor Violet 500 SE]

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <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>         | EM-55                                                                                       |
| <b>Preservative</b>  | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>       | IgG1                                                                                        |
| <b>Conjugate</b>     | mFluor Violet 500 SE                                                                        |
| <b>Purity</b>        | Protein A purified                                                                          |
| <b>Buffer</b>        | 50mM Sodium Borate                                                                          |

**Product Description**

|                                |                                                                                                                                                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                   |
| <b>Gene ID</b>                 | 919                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>             | CD247                                                                                                                                                                                                                                   |
| <b>Species</b>                 | Human, Mouse                                                                                                                                                                                                                            |
| <b>Reactivity Notes</b>        | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| <b>Specificity/Sensitivity</b> | Antibody recognizes phosphorylated tyrosine 111 of CD3 zeta chain (CD247), which is a component of TCR/CD3 complex expressed on T cells.                                                                                                |
| <b>Immunogen</b>               | BP1 (pTyr111/123) - KLH.                                                                                                                                                                                                                |

**Product Application Details**

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Flow (Intracellular)                     |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, Flow (Intracellular)                     |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined. |

**Images**

CD3 zeta [p Tyr111] Antibody (EM-55) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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### **Products Related to NBP2-37709MFV500**

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|                 |                                        |
|-----------------|----------------------------------------|
| NBP2-61462-20ug | Recombinant Human CD3 zeta His Protein |
| 285-IF-100      | IFN-gamma [Unconjugated]               |
| NBL1-08925      | CD3 zeta Overexpression Lysate         |
| 202-IL-010      | IL-2 [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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