

# Product Datasheet

## CD3 zeta [p Tyr111] Antibody (EM-55) [PE/Atto594] NBP2-37709PEATT594

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-37709PEATT594**

CD3 zeta [p Tyr111] Antibody (EM-55) [PE/Atto594]

| <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. Do not freeze.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | EM-55  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG1   |
| <b>Conjugate</b>                   | PE/Atto594   |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <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.   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Flow Cytometry, Flow (Intracellular)   |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Flow (Intracellular)   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions. |





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### **Products Related to NBP2-37709PEATT594**

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|                    |   |
|--------------------|---|
| NBP1-97005PEATT594 | Mouse IgG1 Isotype Control (MG1) [PE/Atto594] |
| NBP2-61462-20ug    | Recombinant Human CD3 zeta His Protein        |
| 285-IF-100         | IFN-gamma [Unconjugated]                      |
| NBL1-08925         | CD3 zeta Overexpression Lysate                |

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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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