

# Product Datasheet

## CD3 epsilon Antibody (CRIS-7) [DyLight 594] NBP3-11448DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11448DL594**

CD3 epsilon Antibody (CRIS-7) [DyLight 594]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | CRIS-7  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2a Kappa   |
| Conjugate           | DyLight 594   |
| Purity              | Protein A purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 916  |
| Gene Symbol             | CD3E   |
| Species                 | Human, Monkey  |
| Marker                  | T-Cell Marker  |
| Specificity/Sensitivity | Recognizes the epsilon-chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta) with MW ranging from 16-28kDa. The CD3 complex is closely associated at the lymphocyte cell surface with the T cell antigen receptor (TCR). Reportedly, CD3 complex is involved in signal transduction to the T cell interior following antigen recognition. The CD3 antigen is first detectable in early thymocytes and probably represents one of the earliest signs of commitment to the T cell lineage. In cortical thymocytes, CD3 is predominantly intra-cytoplasmic. However, in medullary thymocytes, it appears on the T cell surface. CD3 antigen is a highly specific marker for T cells, and is present in majority of T cell neoplasms. |
| Immunogen               | Stimulated human leukocytes  |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Flow Cytometry, Immunocytochemistry/Immunofluorescence                 |
| Recommended Dilutions       | Flow Cytometry, Immunocytochemistry/Immunofluorescence                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-11448DL594**

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|                 |  |
|-----------------|--|
| NBP1-96981DL594 | Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 594] |
| NBP2-22752      | Recombinant Human CD3 epsilon His Protein              |
| 210-TA-005      | TNF-alpha [Unconjugated]                               |
| 9850-CD-050     | CD3 epsilon [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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