

# Product Datasheet

**Common gamma Chain/IL-2 R gamma Antibody (3E12)**

**[CoraFluor™ 1]**

**NBP3-12038CL1**

Unit Size: 0.1 ml

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

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**NBP3-12038CL1**

Common gamma Chain/IL-2 R gamma Antibody (3E12) [CoraFluor™ 1]

| <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>                       | 3E12   |
| <b>Preservative</b>                | No Preservative  |
| <b>Isotype</b>                     | IgG Kappa  |
| <b>Conjugate</b>                   | CoraFluor 1  |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Rabbit   |
| <b>Gene ID</b>                     | 3561   |
| <b>Gene Symbol</b>                 | IL2RG  |
| <b>Species</b>                     | Mouse  |
| <b>Specificity/Sensitivity</b>     | This conformation-dependent antibody binds to the murine common gamma-chain, shared by the IL-2, IL-4, IL-7, IL-9, IL-15, and IL-21 receptor complexes. It recognises an epitope located in a membrane-proximal portion of the common gamma-chain, near Arg-197 of domain 2. |
| <b>Immunogen</b>                   | This antibody was raised by immunising Lewis rats with transfected rat myeloma cell line YB2/0, expressing murine cytoplasmic-tailless IL-2R common gamma-chain (YB2/0-myt).   |
| <b>Notes</b>                       | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize   |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



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### **Products Related to NBP3-12038CL1**

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|                |  |
|----------------|--|
| 6507-IL-010/CF | IL-4 [Unconjugated]                            |
| 384-RG-050     | Common gamma Chain/IL-2 R gamma [Unconjugated] |
| 202-IL-010     | IL-2 [Unconjugated]                            |
| 247-ILB-005    | IL-15 [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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