

# Product Datasheet

## Kappa Light Chain Antibody (KLC264)

[Allophycocyanin/Cy7]

**NBP2-34659APCCY7**

Unit Size: 0.1 ml

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

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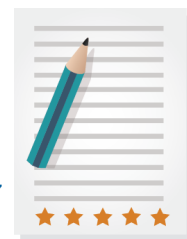
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**NBP2-34659APCCY7**

Kappa Light Chain Antibody (KLC264) [Allophycocyanin/Cy7]

| <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>                       | KLC264  |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Conjugate</b>                   | Allophycocyanin/Cy7   |
| <b>Purity</b>                      | Protein A or G purified   |
| <b>Buffer</b>                      | PBS   |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 3514  |
| <b>Gene Symbol</b>                 | IGKC  |
| <b>Species</b>                     | Human   |
| <b>Marker</b>                      | B-Cell Marker   |
| <b>Specificity/Sensitivity</b>     | This monoclonal antibody is specific to kappa light chain of immunoglobulin and shows no cross-reaction with lambda light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light chain, kappa or lambda. The ratio of Kappa to Lambda is 70:30. However, with the occurrence of multiple myeloma or other B-cell malignancies this ratio is disturbed. Antibody to the kappa light chain is reportedly useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkins lymphomas. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is malignant. |
| <b>Immunogen</b>                   | Recombinant human Kappa Light Chain   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready  |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready  |
| <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 NBP2-34659APCCY7**

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|                    |  |
|--------------------|--|
| H00003514-P01-10ug | Recombinant Human Kappa Light Chain GST (N-Term) Protein |
| 243-B3-002         | TGF-beta 3 [Unconjugated]                                |
| NB7463             | Goat anti-Human Kappa Light Chain Secondary Antibody     |
| NB100-1028         | AIF-1/Iba1 Antibody                                      |

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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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