

# Product Datasheet

## CD74 Antibody (LN-2 + CLIP/813) [DyLight 550] NBP3-11423R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11423R**

CD74 Antibody (LN-2 + CLIP/813) [DyLight 550]

| 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                       | LN-2 + CLIP/813  |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG1 Kappa/IgG1 Kappa  |
| Conjugate                   | DyLight 550  |
| Purity                      | Protein A or G purified  |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 972  |
| Gene Symbol                 | CD74   |
| Species                     | Human  |
| Marker                      | B-Cell Marker  |
| Specificity/Sensitivity     | It recognizes a protein of ~35kDa, identified as CD74. It is a type II transmembrane protein which binds to the peptide binding groove of newly synthesized MHC class II alpha/beta heterodimers and prevents their premature association with endogenous polypeptides. CD74 is expressed primarily by antigen presenting cells, such as B-lymphocytes (from before the pre-B cell stage to before the plasma cell stage), macrophages, and monocytes, and many epithelial cells. Anti-CD74 stains predominantly germinal center lymphocytes and B-cell lymphomas, but rarely T-cell lymphomas. Anti-CD74 has been shown to be useful in differentiating atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+). |
| Immunogen                   | SU-DHL-4 lymphoma cells (LN-2); Recombinant full-length human CD74 protein (CLIP/813)  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| Product Application Details |  |
| Applications                | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP3-11423R**

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|             |                                    |
|-------------|------------------------------------|
| NBP2-22758  | Recombinant Human CD74 His Protein |
| 7268-CT-100 | CTLA-4 [Unconjugated]              |
| 3590-CD-050 | CD74                               |
| NBP2-22203  | ERK1 Antibody (1E5)                |

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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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