

# Product Datasheet

## CD57 Antibody (HNK-1 + NK-1) [DyLight 405] NBP2-47791V

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47791V**

CD57 Antibody (HNK-1 + NK-1) [DyLight 405]

| 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                       | HNK-1 + NK-1                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgM Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Conjugate                   | DyLight 405                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 27087                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | B3GAT1                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human, Rat (Negative)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity Notes            | Does not react with Rat.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Marker                      | Natural Killer Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | Anti-CD57 marks a subset of lymphocytes known as natural killer (NK) cells. Follicular center cell lymphomas often contain many NK cells within the neoplastic follicles. Anti-CD57 also stains neuroendocrine cells and their derived tumors, including carcinoid tumor and medulloblastoma. Anti-CD57 can also be useful in separating type B3 thymoma from thymic carcinoma when combined with a panel that includes antibodies against GLUT1, CD5, and CEA. |
| Immunogen                   | Membrane antigen from HSB-2 cells                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                          |





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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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