

# Product Datasheet

## CD57 Antibody (HNK-1 + NK-1) - Azide and BSA Free NBP2-47791-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-47791-0.1mg**

CD57 Antibody (HNK-1 + NK-1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HNK-1 + NK-1
Preservative	No Preservative
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS
Target Molecular Weight	110 kDa

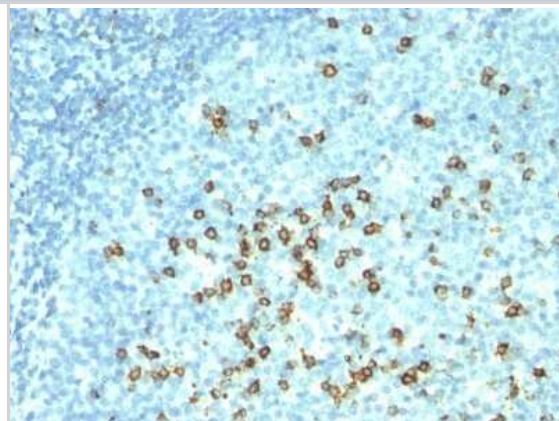
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44354).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	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	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 2-4ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



## Images

Immunohistochemistry-Paraffin: CD57 Antibody (HNK-1 + NK-1) - Azide and BSA Free [NBP2-47791] - Human Tonsil stained with CD57 Monoclonal Antibody (HNK-1 + NK-1).





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### **Products Related to NBP2-47791-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
210-TA-005	TNF-alpha [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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