CD57 / B3GAT1 (Natural Killer Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone NK1/7566]

Catalog No	Format	Size
27087-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
27087-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
27087-MSM6-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

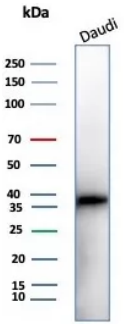
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

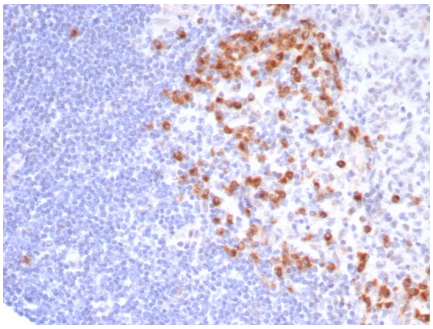
Clone	NK1/7566
Gene Name	B3GAT1
Immunogen	Recombinant fragment (around aa1-200) of human B3GAT1 / CD57 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Lambda
Mol. Weight of Antigen	~110kDa
Cellular Localization	Cell surface
Species Reactivity	Human
Positive Control	Human lymph node or tonsil.

**Optimal dilution for a specific application should be determined.*

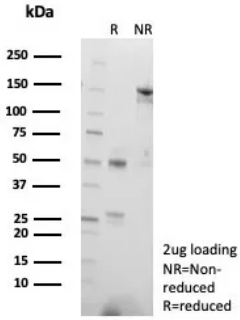
Product Images for CD57 / B3GAT1 (Natural Killer Cell Marker) Antibody



Western blot analysis of Daudi cell lysate using CD57 Mouse Monoclonal Antibody (NK1/7566).



Formalin-fixed, paraffin-embedded human lymph node stained with CD57 Mouse Monoclonal Antibody (NK1/7566). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified CD57 Mouse Monoclonal Antibody (NK1/7566). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

B Cell Markers

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.