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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-CD57 / B3GAT1 (Natural Killer Cell Marker) Monoclonal Antibody

Catalog Number: M09548

About B3GAT1

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.

Overview

Product Name	Anti-CD57 / B3GAT1 (Natural Killer Cell Marker) Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD57 / B3GAT1 (Natural Killer Cell Marker) Monoclonal Antibody (Catalog # M09548). Tested in IF, IHC applications. This antibody reacts with Human.
Conjugate	Biotin
Application	IF, IHC
Clonality	Monoclonal Clone: NK/804
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	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.
Host	Mouse
Uniprot ID	Q9P2W7

Technical Details

Immunogen	Membrane antigen from HSB-2 cells
Predicted Reactive Species	Pig, Rabbit
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.
Isotype	IgM, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml
Purification	200ug/ml of antibody purified from Bioreactor Concentrate.

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Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Immunofluorescence (1-2ug/ml) 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 95&degC followed by cooling at RT for 20 minutes) Optimal dilution for a specific application should be determined.

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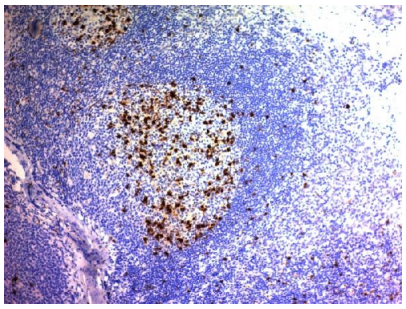
Anti-CD57 / B3GAT1 (Natural Killer Cell Marker) Monoclonal Antibody (M09548) Images



Formalin-fixed, paraffin-embedded human Tonsil stained with Anti-CD57 Monoclonal Antibody (NK/804).

1 Publications Citing This Product

1. PubMed ID: 10.1007/s11655-021-3495-2, Arsenic Trioxide Combining Leflunomide Activates Nrf2-ARE-HO-1 Signaling Pathway and Protects Heart Xenografts

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