

Mouse CD57 / B3GAT1 Monoclonal Antibody | anti-CD57 antibody

CD57 / B3GAT1 (Natural Killer Cell Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62673	Mouse	Human.Does not react with rat. Others not known.	Immunohistochemistry, Immunofluorescence

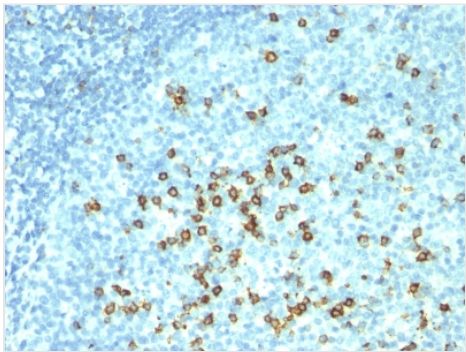
PRODUCT SYNONYMS

CD57 / B3GAT1; Monoclonal Antibody; CD57 / B3GAT1 (Natural Killer Cell Marker) Mouse Monoclonal Antibody; 3-Glucuronyltransferase 1; B3GAT1; Galactosylgalactosylxylosylprotein 3-beta-Glucuronosyltransferase 1; GLCATP; GlcUAT-P; Glucuronosyltransferase P; UDP GlcUA Glycoprotein beta 1; 3 Glucuronyltransferase; anti-CD57 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Does not react with rat. Others not known.
Clonality	Monoclonal
Isotype	Mouse / IgM, kappa (HNK-1) + Mouse / IgM, kappa (NK-1)
Clone Number	HNK-1 + NK-1
Specificity	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.
Form/Format	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.
Applicable Applications for anti-CD57 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Cellular Localization	Cell Surface
Immunogen	Human peripheral blood mononuclear cells (HNK-1 & NK-1)
Hu-Chromosome Location	11q25
Positive Control	Lymph node or Tonsil
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with CD57 Monoclonal Antibody (HNK-1 + NK-1).

ADDITIONAL INFORMATION

References	Abo T et. al. J Immunol, 1982, 129(4):1758-61. Abo T et al. J Immunology, 1982, 129:1752-7
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77695914
NCBI GeneID	27087
NCBI Accession #	NP_061114.2
NCBI GenBank Nucleotide #	NM_018644.3
UniProt Accession #	Q9P2W7; Q96FS7
Molecular Weight	~110kDa
NCBI Official Full Name	galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1
NCBI Official Synonym Full Names	beta-1,3-glucuronyltransferase 1
NCBI Official Symbol	B3GAT1
NCBI Official Synonym Symbols	NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP
NCBI Protein Information	galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1
UniProt Protein Name	Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1
UniProt Gene Name	B3GAT1
UniProt Synonym Gene Names	GLCATP; GlcAT-P; GlcUAT-P
UniProt Entry Name	B3GA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.