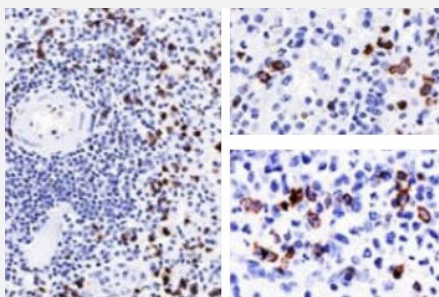


# B3GAT1 monoclonal antibody, clone NK-1

Catalog # MAB11302      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of human spleen with B3GAT1 monoclonal antibody, clone NK-1 (Cat # MAB11302).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against CD57 (B3GAT1).
<b>Immunogen</b>	Human peripheral blood mononuclear cells.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgM, kappa
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% BSA, 0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of human spleen with B3GAT1 monoclonal antibody, clone NK-1 (Cat # MAB11302).

## Gene Info — B3GAT1

Entrez GeneID	<a href="#">27087</a>
Gene Name	B3GAT1
Gene Alias	CD57, GLCATP, GlcAT-P, GlcUAT-P, HNK-1, HNK1, LEU7, NK-1
Gene Description	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P)
Omim ID	<a href="#">151290</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD 57 and LEU7). Alternate transcriptional splice variants have been characterized. [provided by RefSeq]
Other Designations	CD57 antigen LEU7 antigen UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase beta-1,3-glucuronyltransferase 1 galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 glucuronosyltransferase P

## Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)