

Anti-CD57 / HNK1 Antibody (clone HNK-1)

Mouse Anti Human Monoclonal Antibody Catalog # ALS17757

Specification

Anti-CD57 / HNK1 Antibody (clone HNK-1) - Product Information

Application
Primary Accession
Predicted
Host
Clonality
Isotype
Calculated MW

IHC-P, Flo
Q9P2W7
Human
Mouse
Monoclonal
IgM,k
38256

Anti-CD57 / HNK1 Antibody (clone HNK-1) - Additional Information

Gene ID 27087

Alias Symbol **B3GAT1 Other Names**B3GAT1, CD57, CD57 antigen, GlcAT-P, GLCUATP, Glucuronosyltransferase P, HNK-1, HNK1, LEU7, GLCATP, NK-1, NK1, LEU7 antigen, GlcUAT-P

Reconstitution & Storage Ammonium sulfate precipitation

Precautions

Anti-CD57 / HNK1 Antibody (clone HNK-1) is for research use only and not for use in diagnostic or therapeutic procedures.

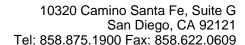
Anti-CD57 / HNK1 Antibody (clone HNK-1) - Protein Information

Name B3GAT1 (HGNC:921)

Synonyms GLCATP

Function

Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomucoid (ASOR), asialo- fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity:





stearoyl-sphingomyelin was the most effective, followed by palmitoyl-sphingomyelin and lignoceroyl-sphingomyelin. Activity was demonstrated only for sphingomyelin with a saturated fatty acid and not for that with an unsaturated fatty acid, regardless of the length of the acyl group.

Cellular Location

[Isoform 1]: Golgi apparatus membrane {ECO:0000250|UniProtKB:O35789}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:O35789}. Secreted {ECO:0000250|UniProtKB:O35789}

Tissue Location

Mainly expressed in the brain.

Anti-CD57 / HNK1 Antibody (clone HNK-1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture