

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	IHC-P, Flo
Primary Accession	Q9P2W7
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgM,k
Calculated MW	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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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