

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](#)