

CD75 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51539**Specification**

CD75 Antibody - Product Information

Application	WB
Primary Accession	P15907
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46 KDa
Antigen Region	161 - 220

CD75 Antibody - Additional Information**Gene ID** 6480**Other Names**

Beta-galactoside alpha-2, 6-sialyltransferase 1, Alpha 2, 6-ST 1, B-cell antigen CD75, CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, 6-sialyltransferase 1, ST6Gal I, ST6Gall, Sialyltransferase 1, ST6GAL1, SIAT1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD75. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CD75 Antibody - Protein Information**Name** ST6GAL1**Synonyms** SIAT1**Function**

Transfers sialic acid from CMP-sialic acid to galactose- containing acceptor substrates. In B lymphocytes, generates neuraminidase-sensitive lymphocyte cell-surface differentiation antigens, such as CDw75, HB-6 and CD76 (PubMed:1730763).

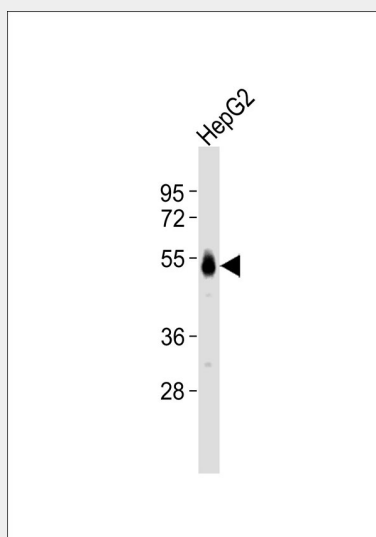
Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Secreted {ECO:0000250|UniProtKB:P13721}. Note=Membrane-bound form in trans cisternae of Golgi (PubMed:20378551). Secreted into the body fluid (By similarity). {ECO:0000250|UniProtKB:P13721, ECO:0000269|PubMed:20378551}

CD75 Antibody - 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](#)

CD75 Antibody - Images

Anti-CD75 Antibody at 1:1000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

CD75 Antibody - Background

Transfers sialic acid from CMP-sialic acid to galactose- containing acceptor substrates.

CD75 Antibody - References

Grundmann U.G., et al. Nucleic Acids Res. 18:667-667(1990).
Stamenkovic I., et al. J. Exp. Med. 172:641-643(1990).
Bast B.J.E.G., et al. J. Cell Biol. 116:423-435(1992).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.