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CD75 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51539

Product Information

Application	WB
Primary Accession	P15907
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46605

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, ST6GalI, 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

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}

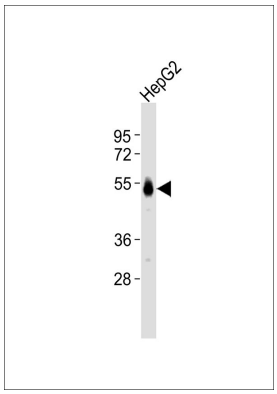
Background

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

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.

Images



Anti-CD75 Antibodyat 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.