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Datasheet for ABIN704201

anti-ST6GAL1 antibody (AA 301-406)

3 Images

Overview

Quantity:	100 µL
Target:	ST6GAL1
Binding Specificity:	AA 301-406
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GAL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD75
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	ST6GAL1
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Target Details

Alternative Name: [CD75 \(ST6GAL1 Products\)](#)

Background: Synonyms: ST6N, SIAT1, ST6GalI, Beta-galactoside alpha-2,6-sialyltransferase 1, Alpha 2,6-ST 1, B-cell antigen CD75, CMP-N-acetylneuraminic acid-beta-galactosyltransferase 1, ST6Gal I, Sialyltransferase 1, ST6GAL1

Background: The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP sialic acid to galactose-containing substrates. The encoded protein, which is normally found in the Golgi apparatus but which can be proteolytically processed to a soluble form, is involved in the generation of the cell surface carbohydrate determinants and differentiation antigens HB6, CDw75, and CD76. This protein is a member of glycosyltransferase family 29. Three transcript variants encoding two different isoforms have been found for this gene.

Gene ID: 6480

UniProt: [P15907](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

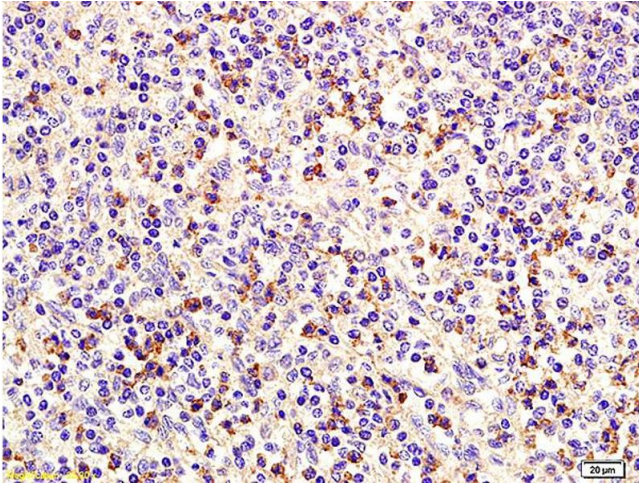
Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

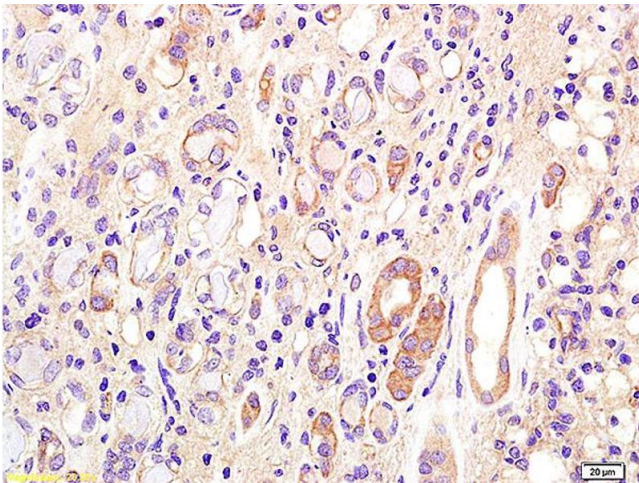
Expiry Date: 12 months

Images



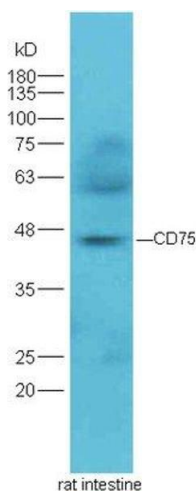
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human spleen labeled with Anti CD75 Polyclonal Antibody, Unconjugated (ABIN704201) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney carcinoma labeled with Anti CD75 Polyclonal Antibody, Unconjugated (ABIN704201) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Western Blotting

Image 3. Rat intestine lysates probed with Rabbit Anti-CD75 Polyclonal Antibody at 1:300 overnight in 4°C. Followed by conjugation to the secondary antibody -HRP) at 1:5000 90min in 37°C.