



[Go to Product page](#)

Datasheet for ABIN2855748
anti-ST6GAL1 antibody (Center)

2 Images

Overview

Quantity:	100 µL
Target:	ST6GAL1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GAL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CD75. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee
Cross-Reactivity (Details):	Chimpanzee (100 %)
Characteristics:	Rabbit Polyclonal antibody to CD75 (ST6 beta-galactosamide alpha-2,6-sialyltransferase 1) CD75 antibody [N2C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ST6GAL1
Alternative Name:	CD75 (ST6GAL1 Products)
Background:	<p>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 but which can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, 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.</p> <p>Cellular Localization: Golgi apparatus , Golgi stack membrane, Single-pass type II membrane protein , Secreted</p>
Molecular Weight:	47 kDa
Gene ID:	6480

Application Details

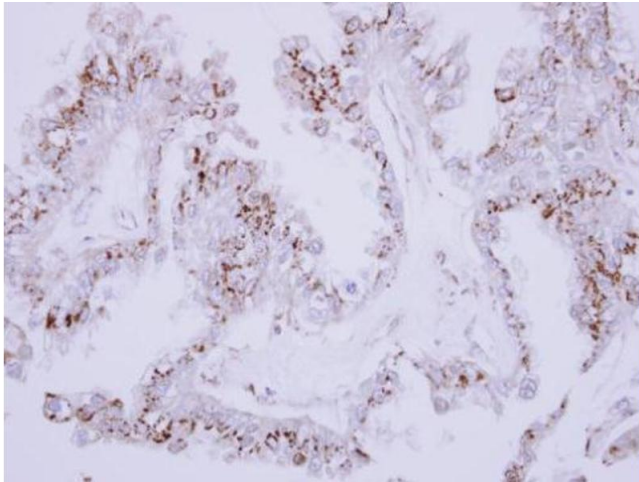
Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000*</p>
Comment:	Positive Control: CD75 transfected 293T cell
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.44 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

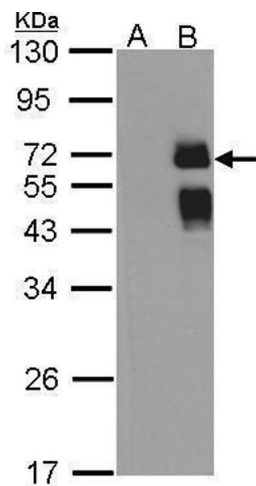
cycles.

Images



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded OVCA xenograft, using CD75, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Western Blot analysis of ST6GAL1 expression in transfected 293T cell line by ST6GAL1 polyclonal antibody. A: Non-transfected lysate. B: ST6GAL1 transfected lysate. 12% SDS PAGE antibody diluted at 1:500