

ST3GAL1 antibody

Catalog No: #22094

Package Size: #22094 100ul

Description

Product Name	ST3GAL1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 165 of Human ST3GAL1
Conjugates	Unconjugated
Target Name	ST3GAL1
Other Names	Gal-NAc6S
Accession No.	Swiss-Prot:Q11201Gene ID:6482
Concentration	0.63mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

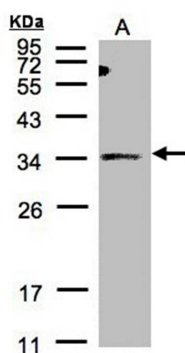
Predicted MW: 39kd

Western blotting: 1:500-1:3000

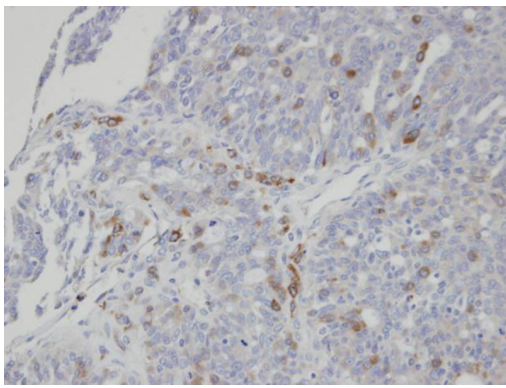
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

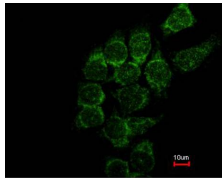
Images



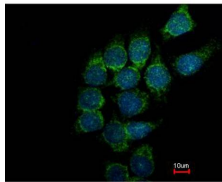
Sample(30 ug of whole cell lysate)
A: HeLa S3
12% SDS PAGE
Primary antibody diluted at 1: 500



Immunohistochemical analysis of paraffin-embedded serous OVCA, using ST3GAL1 antibody at 1: 100 dilution.



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed Hep3B, using SIAT4A antibody at 1: 500 dilution.

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 is normally found in the Golgi but can be proteolytically processed to a soluble form. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.