


## Product datasheet

### Anti-ST3Gal I antibody ab96129

★★★★★ [1 Abreviews](#) [3 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-ST3Gal I antibody
<b>Description</b>	Rabbit polyclonal to ST3Gal I
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Cow 
<b>Immunogen</b>	Recombinant fragment corresponding to Human ST3Gal I aa 1-165.
<b>Positive control</b>	293T, A431, H1299 Cell lysate. HeLaS3 whole cell lysate (WB). Sections of serous OVCA (IF).
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96129 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 39 kDa.
IHC-P		1/100.

## Target

### Function

It may be responsible for the synthesis of the sequence NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- found on sugar chains O-linked to Thr or Ser and also as a terminal sequence on certain gangliosides. SIAT4A and SIAT4B sialylate the same acceptor substrates but exhibit different Km values.

### Tissue specificity

Expressed in several tissues. Highest expression in lung, liver, skeletal muscle, kidney, pancreas, spleen and placenta.

### Pathway

Protein modification; protein glycosylation.

### Sequence similarities

Belongs to the glycosyltransferase 29 family.

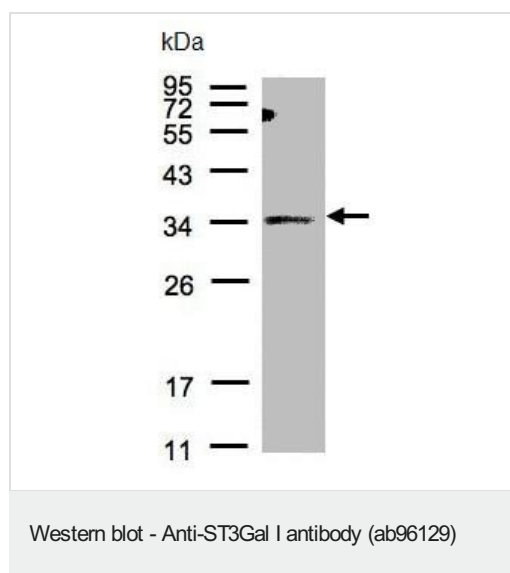
### Post-translational modifications

The soluble form derives from the membrane form by proteolytic processing.

### Cellular localization

Golgi apparatus > Golgi stack membrane. Secreted. Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid.

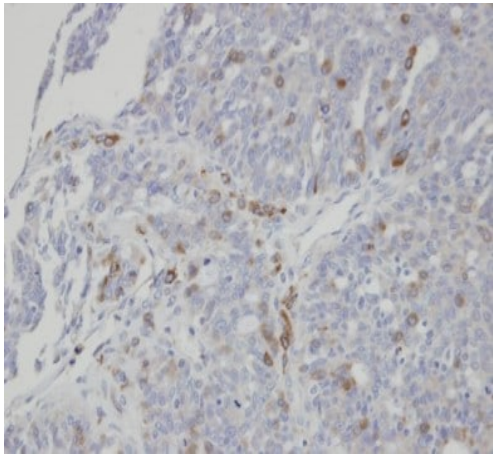
## Images



Anti-ST3Gal I antibody (ab96129) at 1/500 dilution + HeLa S3 whole cell lysate at 30 µg

**Predicted band size:** 39 kDa

12% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ST3Gal I antibody (ab96129)

ab96129 at 1/100 dilution staining ST3Gal I in paraffin-embedded serous OVCA by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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