




Product datasheet

Anti-ST8SiaIII antibody - C-terminal ab222305

1 Image

Overview

<b>Product name</b>	Anti-ST8SiaIII antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to ST8SiaIII - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Chimpanzee 
<b>Immunogen</b>	Recombinant fragment corresponding to Human ST8SiaIII aa 322-380 (C terminal). Sequence: WPFGFDPNTRDLPYHYDKKGTKFTTKWQESHQLP AEFQLLYRMHGEGL TKLTLSHCA  Database link: <a href="#">O43173</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	ICC/IF: SH-SY5Y cells.
<b>General notes</b>	Previously labelled as SIA8C.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab222305** in the following tested applications.

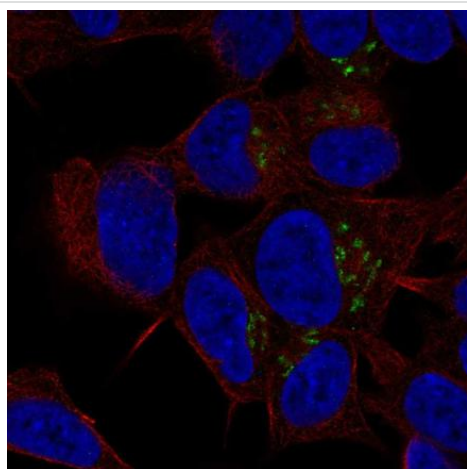
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. PFA-fixed/Triton X-100 permeabilized

## Target

<b>Function</b>	May transfer sialic acid through alpha-2,8-linkages to alpha-2,3-linked and alpha-2,8-linked sialic acid of N-linked oligosaccharides of glycoproteins and glycolipids. It can form polysialic acid in vitro directly on alpha-2,3-, alpha-2,6-, or alpha-2,8-linked sialic acid.
<b>Tissue specificity</b>	Expressed in fetal and adult brain and fetal liver.
<b>Pathway</b>	Protein modification; protein glycosylation.
<b>Sequence similarities</b>	Belongs to the glycosyltransferase 29 family.
<b>Cellular localization</b>	Golgi apparatus membrane.

## Images



PFA-fixed, Triton X-100 permeabilized SH-SY5Y (human neuroblastoma cell line from bone marrow) cells stained for ST8SiallI (green) using ab222305 at 4 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-ST8SiallI antibody - C-terminal (ab222305)

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

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