



# ST6GAL1 rabbit pAb

Cat No.:ES8592

For research use only

## Overview

<b>Product Name</b>	ST6GAL1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species</b>	Human;Rat;Mouse
<b>Cross-Reactivity</b>	
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000,WB 1:500-2000
<b>Immunogen Specificity</b>	Synthetic peptide from human protein at AA range: 63-135 The antibody detects endogenous ST6GAL1
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	ST6GAL1
<b>Gene Name</b>	ST6GAL1 SIAT1
<b>Cellular localization</b>	Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane protein . Secreted. Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	6480
<b>Human Swiss-Prot Number</b>	P15907
<b>Alternative</b>	Beta-galactoside alpha-2,6-sialyltransferase 1 (Alpha 2,6-ST 1;EC





<b>Names</b>	2.4.99.1;B-cell antigen CD75;CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyl transferase 1;ST6Gal I;ST6GalI;Sialyltransferase 1)
<b>Background</b>	This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described. [provided by RefSeq, Aug 2009],

