

ARG57668 anti-CD75 / ST6GAL1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD75 / ST6GAL1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD75 / ST6GAL1
Species	Human
Immunogen	Recombinant protein of Human CD75 / ST6GAL1.
Conjugation	Un-conjugated
Alternate Names	SIAT1; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1; B-cell antigen CD75; Sialyltransferase 1; ST6Gal I; Beta-galactoside alpha-2,6-sialyltransferase 1; EC 2.4.99.1; ST6N; Alpha 2,6-ST 1; ST6Gall

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse lung	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ST6GAL1
Gene Full Name	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1
Background	<p>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]</p>
Function	Transfers sialic acid from CMP-sialic acid to galactose-containing acceptor substrates. [UniProt]
Calculated Mw	47 kDa
PTM	<p>The soluble form derives from the membrane form by proteolytic processing.</p> <p>The HB-6, CDW75, and CD76 differentiation antigens are cell-surface carbohydrate determinants generated by this enzyme. [UniProt]</p>

Images

