

Datasheet for ABIN7601307
anti-ST6GALNAC2 antibody (AA 32-374)



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Overview

Quantity:	100 µg
Target:	ST6GALNAC2
Binding Specificity:	AA 32-374
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GALNAC2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-ST6GALNAC2 Antibody Picoband®
Immunogen:	E.coli-derived human ST6GALNAC2 recombinant protein (Position: Q32-R374).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ST6GALNAC2 Antibody Picoband® (ABIN7601307). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	ST6GALNAC2
Alternative Name:	ST6GALNAC2 (ST6GALNAC2 Products)
Background:	<p>Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA</p> <p>Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow.</p> <p>Background: Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2 is an enzyme that in humans is encoded by the ST6GALNAC2 gene. ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting.</p>
Molecular Weight:	40 kDa
Gene ID:	10610

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Samyn-Petit, B., Krzewinski-Recchi M.-A., Steelant, W. F. A., Delannoy, P., Harduin-Lepers, A. Molecular cloning and functional expression of human ST6GalNAc II: molecular expression in various human cultured cells. Biochim. Biophys. Acta 1474: 201-211, 2000. 2. Sotiropoulou, G., Kono, M., Anisowicz, A., Stenman, G., Tsuji, S., Sager, R. Identification and functional characterization of a human GalNAc alpha-2,6-sialyltransferase with altered expression in breast cancer. Molec. Med. 8: 42-55, 2002.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.