

Rabbit SIA8C Polyclonal Antibody | anti-ST8SIA3 antibody

SIA8C Antibody (C-term)

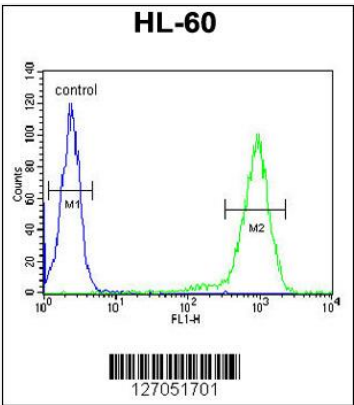
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285462	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

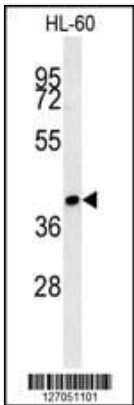
SIA8C; Polyclonal Antibody; SIA8C Antibody (C-term); Sia-alpha-2; 3-Gal-beta-1; 4-GlcNAc-R:alpha 2; 8-sialyltransferase; 2499-; Alpha-2; 8-sialyltransferase 8C; 8-sialyltransferase III; ST8 alpha-N-acetyl-neuraminide alpha-2; 8-sialyltransferase 3; Sialyltransferase 8C; SIAT8-C; Sialyltransferase St8Sia III; ST8SialII; ST8SIA3; SIAT8C; anti-ST8SIA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIA8C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 312-340 amino acids from the C-terminal region of human SIA8C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	312-340
Sequence Length	380
Applicable Applications for anti-ST8SIA3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SIA8C Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SIA8C Antibody (C-term) western blot analysis in HL-60 cell line lysates (15ug/lane).This demonstrates the SIA8C antibody detected the SIA8C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ST8SIA3 antibody	ST8SIA3 belongs to a family of sialyltransferases that form sialyl-alpha-2,8-sialyl-R linkages at the nonreducing termini of glycoconjugates (Lee et al., 1998 [PubMed 9826427]).
Product Categories/Family for anti-ST8SIA3 antibody	Signal Transduction
References	Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) : Kim, S.J., et al. Biochem. Biophys. Res. Commun. 344(4):1057-1064(2006) Angata, K., et al. J. Biol. Chem. 275(24):18594-18601(2000) Lee, Y.C., et al. Arch. Biochem. Biophys. 360(1):41-46(1998) Zeng, G., et al. Gene 187(1):131-134(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110815855
NCBI GeneID	51046
NCBI Accession #	NP_056963.2
NCBI GenBank Nucleotide #	NM_015879.2
UniProt Accession #	O43173; Q6B085; Q9NS41; A8K0F2
Molecular Weight	43970
NCBI Official Full Name	sia-alpha-2,3-Gal-beta-1,4-GlcNAc-R:alpha 2,8-sialyltransferase
NCBI Official Synonym Full Names	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3
NCBI Official Symbol	ST8SIA3
NCBI Official Synonym Symbols	SIAT8C; ST8SiaIII
NCBI Protein Information	sia-alpha-2,3-Gal-beta-1,4-GlcNAc-R:alpha 2,8-sialyltransferase
UniProt Protein Name	Sia-alpha-2,3-Gal-beta-1,4-GlcNAc-R:alpha 2,8-sialyltransferase
UniProt Gene Name	ST8SIA3
UniProt Synonym Gene Names	SIAT8C; SIAT8-C; ST8SiaIII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/sia8c-antibody-flow-cytometry-western-blot-elisa/285462>