BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ST3gal6 Antibody

Catalog Number: A09513

About ST3GAL6

Sialyltransferases catalyze the transfer of sialic acid from cytidine 5-prime monophospho-N-acetylneuraminic acid (CMP-NeuAc) to terminal positions of glycoprotein and glycolipid carbohydrate groups. Terminal NeuAc residues are key determinants of carbohydrate structures, such as the sialyl-Lewis X determinants, and are widely distributed in many cell types. However, cancer cells often express more heavily sialylated glycans on their cell surface and this feature sometimes correlates with invasiveness. In contrast, expression of ST3gal6, a member of the sialyltransferase family that sialylates type II lactosamine structures on glycoproteins and glycolipids, was found to be significantly decreased by hypermethylation of the gene in gastrointestinal cancer. At least three isoforms of ST3gal6 are known to exist.

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Overview

Product Name	Anti-ST3gal6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ST3gal6 Antibody (Catalog # A09513). Tested in ELISA, WB, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, ICC, WB
Clonality	Polyclonal
Formulation	ST3gal6 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ST3gal6 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9Y274

Technical Details

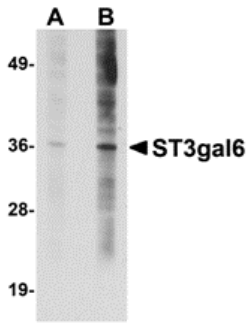
Immunogen	ST3gal6 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human ST3gal6. The immunogen is located within amino acids 230 - 280 of ST3gal6.
Predicted Reactive Species	Bovine

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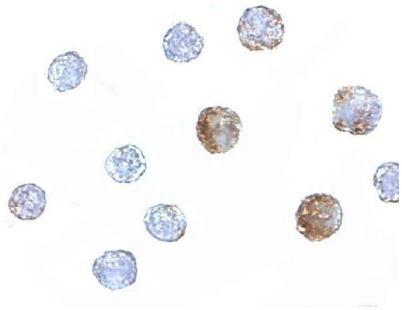
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ST3gal6 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ST3gal6 antibody can be used for detection of ST3gal6 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-ST3gal6 Antibody (A09513) Images



Western blot analysis of ST3gal6 in HeLa cell lysate with ST3gal6 antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of ST3gal6 in HeLa cells with ST3gal6 antibody at 5 ug/mL.

Anti-ST3gal6 Antibody

For Research Use Only. Not for use in diagnostic procedures.