

Product Information

Anti-ST8SIA1
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22921**
Formerly listed as GenWay Catalog Number 15-288-22921,
Sat-2 short Antibody.

Storage Temperature Store at -20 °C

Synonyms: ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyl-transferase 1

Product Description

Gangliosides are membrane-bound glycosphingolipids containing sialic acid. Ganglioside GD3 is known to be important for cell adhesion and growth of cultured malignant cells. The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to GM3 to produce gangliosides GD3 and GT3. The encoded protein may be found in the Golgi apparatus and is a member of glycosyltransferase family 29.

NCBI Accession number: NP_003025.1
Swiss Prot Accession number: Q6PZN5

Gene Information: Human .. ST8SIA1 (6489)

Immunogen: Recombinant protein ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1

Immunogen Sequence: GI # 4506953, sequence 4 - 18

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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