

Datasheet for ABIN6244007

anti-ST8SIA1 antibody (AA 53-84)**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	ST8SIA1
Binding Specificity:	AA 53-84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST8SIA1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This ST8SIA1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 53-84 amino acids from human ST8SIA1.
Clone:	RB55301
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ST8SIA1
Alternative Name:	ST8SIA1 (ST8SIA1 Products)
Background:	Involved in the production of gangliosides GD3 and GT3 from GM3, gangliosides are a

Target Details

subfamily of complex glycosphingolipids that contain one or more residues of sialic acid.

Molecular Weight: 40519

UniProt: [Q92185](#)

Application Details

Application Notes: WB: 1:1000-1:2000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

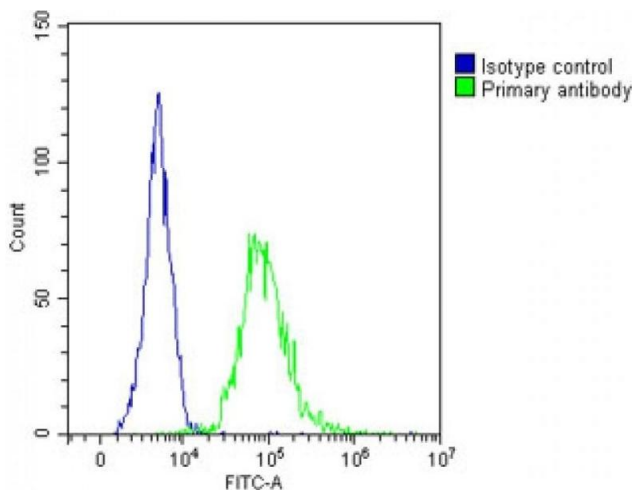
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

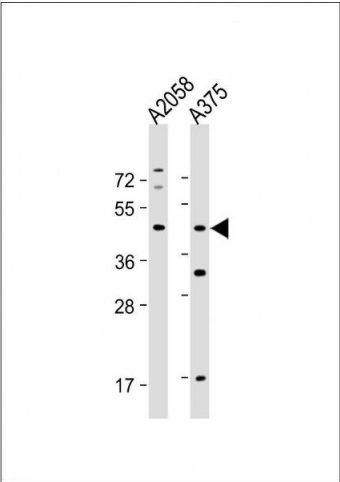
Expiry Date: 6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing cells stained with (ABIN6244007 and ABIN6578809)(green line). The cells were fixed with 2 % paraformaldehyde and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was



performed.

Western Blotting

Image 2. All lanes : Anti-ST8SIA1 Antibody (N-Term) at 1:1000-1:2000 dilution Lane 1: whole cell lysate Lane 2: whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.