

Datasheet for ABIN7013943

**anti-CD77 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	0.1 mg
Target:	CD77
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD77 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	Daudi cell line (Burkitt's lymphoma)
Clone:	38-13
Isotype:	IgM
Specificity:	The rat monoclonal antibody 38.13 recognizes CD77 (globotriaosylceramide Gb3), a neutral glycosphingolipid expressed mainly on the surface of B cell populations, such as germinal center B cells and Burkitt's lymphoma cells.
Purification:	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).

## Target Details

Target:	CD77
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## Target Details

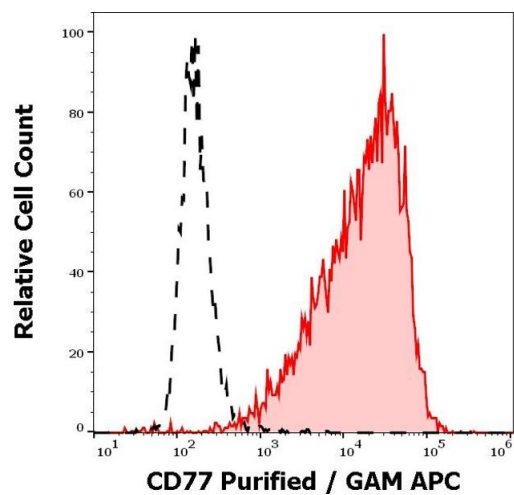
Abstract:	<a href="#">CD77 Products</a>
Background:	CD77 (globotriaosylceramide Gb3), also known as the Pk blood group antigen, BLA (Burkitt's lymphoma associated antigen), or CTH (ceramide trihexoside) is a neutral glycosphingolipid composed of three carbohydrate molecules linked to a lipid moiety in the cell membrane (Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer). It is expressed on germinal center B cells, Burkitt's lymphoma cells, it can be induced on extrafollicular B cells and it is also found on endothelia and epithelia. CD77 may be involved in elimination of germinal center B cells that fail to produce high affinity antibodies, and serves also as receptor for shiga toxin and verotoxin.,globotriaosylceramide Gb3, Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer, P blood group

## Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1 µg/mL
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Tris buffered saline (TBS), pH 8.0, 15 mM 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
Storage Comment:	Store at 2-8°C. Do not freeze.



### Flow Cytometry

**Image 1.** Separation of RAJI cells stained anti-human CD77 (38.13) Purified antibody (concentration in sample 1,67  $\mu\text{g/mL}$ , GAR Alexa Fluor 647, red-filled) from RAJI cells unstained by primary antibody (GAR Alexa Fluor 647, black-dashed) in flow cytometry analysis (surface staining) of RAJI cell suspension.