9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2548: Anti-Human CD77 Antibody (Clone : 38.13)

Clonality :	Monoclonal
Clone Name :	38.13
Application :	ICC
Reactivity :	Human
Format :	Purified
Alternative Name :	globotriaosylceramide Gb3, Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer, P blood group
Isotype :	Lewis Rat IgM
Immunogen Information :	Daudi cell line (Burkitt's lymphoma)

Description

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, BurkittÂ´s lymphoma cells, it can be induced on extrafolicular 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.
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 BurkittÂ´s lymphoma cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml, Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

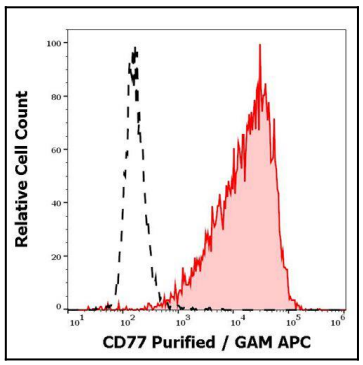

Figure 1 : Separation of RAJI cells stained anti-human CD77 (38.13) Purified antibody (concentration in sample 1,67 µg/ml, GAR Alexa Fluor® 647, red-filled) from RAJI cells unstained by primary antibody (GAR Alexa Fluor® 647, black-dashed) in flow cytometry analysis (surface staining) of RAJI cell suspension.