

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	38.13
<b>Application :</b>	ICC, FACS , IHC(F)
<b>Reactivity :</b>	Human
<b>Format :</b>	Purified
<b>Alternative Name :</b>	globotriaosylceramide Gb3, Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer, P blood group
<b>Isotype :</b>	Lewis Rat IgM
<b>Immunogen Information :</b>	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, 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.

**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.

#### Product Info

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

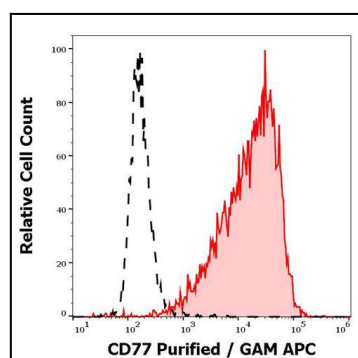


Figure 1 : Separation of RAJI cells stained anti-human CD77 (38.13) Purified antibody (concentration in sample 1,67 µg/ml, GAR Alexa Fluor® 647, red-filled) from RAJI cells unstained by primary antibody (GAR Alexa Fluor® 647, black-dashed) in flow cytometry analysis (surface staining) of RAJI cell suspension.