Product Datasheet

Anti-Hu CD77 FITC (orb1088486)

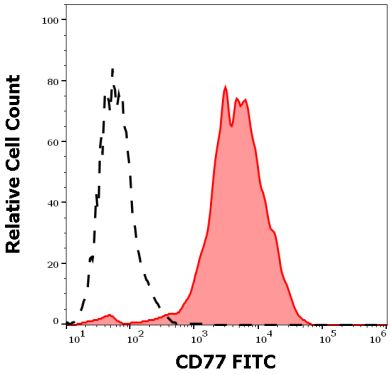
Description	CD77 (globotriaosylceramide Gb3), also known as the Pk blood group antigen, BLA (Burkitt´s lymphoma associated antigen), or CTH (ceramide trihexoside) is a neutral glycosphingolipid composed of three carbohydrate molecules linked to a lipid moiety in the cell membrane (Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer). It is expressed on germinal center B cells, Burkitt´s lymphoma cells, it can be induced on 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.
Reactivity	Human
Conjugation	FITC
Tested Applications	FC
Immunogen	Daudi cell line (Burkitt´s lymphoma)
Target	CD77
Preservatives	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 106 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Isotype	Lewis Rat IgM
Clonality	Monoclonal
Clone Number	38.13

Biorbyt Ltd.
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0) 1223 859-353 | Fax: +1 (415) 651-8558

Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Purity Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Expiration Date 12 months from date of receipt.



Separation of RAJI cells (red-filled) from leukocytes (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD77 (38.13) FITC antibody (4 µl reagent per milion cells in 100 µl of cell suspension).

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