

Lewis Rat anti-Human CD77 Monoclonal Antibody | anti-CD77 antibody

Anti-Hu CD77 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129094	Lewis Rat	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunocytochemistry

PRODUCT SYNONYMS

CD77; Monoclonal Antibody; Anti-Hu CD77 Purified; globotriaosylceramide Gb3; Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer; P blood group; anti-CD77 antibody

PRODUCT SPECIFICATIONS

Host	Lewis Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	Lewis Rat IgM
Clone Number	38.13
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.
Purity/Purification	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
Form/Format	Purified; Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD77 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry)
Immunogen	Daudi cell line (Burkitt's lymphoma)
Preparation and Storage	Store at 2-8°C. Do not freeze.

ADDITIONAL INFORMATION

References	*Högerkorp CM, Borrebaeck CA: The human CD77- B cell population represents a heterogeneous subset of cells comprising centroblasts, centrocytes, and plasmablasts, prompting phenotypical revision. J Immunol. 2006 Oct 1;177(7):4341-9., URL: http://www.ncbi.nlm.nih.gov/pubmed/16982868. *Senda M, Ito A, Tsuchida A, Hagiwara T, Kaneda T, Nakamura Y, Kasama K, Kiso M, Yoshikawa K, Katagiri Y, Ono Y, Ogiso M, Urano T, Furukawa K, Oshima S, Furukawa K: Identification and expression of a sialyltransferase responsible for the synthesis of disialylgalactosylgloboside in normal and malignant kidney cells: downregulation of ST6GalNAc VI in renal cancers. Biochem J. 2007 Mar 15;402(3):459-70., URL: https://www.ncbi.nlm.nih.gov/pubmed/term=senda+m+. *Taga S, Carlier K, Mishal Z, Capoulade C, Mangeney M, Lécluse Y, Coulaud D, Tétaud C, Pritchard LL, Tursz T, Wiels J: Intracellular signaling events in CD77-mediated apoptosis of Burkitt's lymphoma cells. Blood. 1997 Oct 1;90(7):2757-67., URL: https://www.ncbi.nlm.nih.gov/pubmed/term=taga+s+c. *Wiels J, Fellous M, Tursz T: Monoclonal antibody against a Burkitt lymphoma-associated antigen. Proc Natl Acad Sci U S A. 1981 Oct;78(10):6485-8., URL: https://www.ncbi.nlm.nih.gov/pubmed/7031655
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