

Monoclonal Antibody to CDw60 - Supernatant

Alternate names:	9-O-acetyl GD3, CD60
Catalog No.:	AM33309SU-S
Quantity:	0.1 ml
Background:	CDw60 is a carbohydrate antigen present on gangliosides, p latelets and a subset of CD4 + , CD8 + peripheral T-cells, but not on B-cells, monocytes or granulocytes. CDw60 is involved in the co-stimulation of T-cells.
Host / Isotype:	Mouse / IgM
Clone:	UM4D4
Immunogen:	Human rheumatoid synovial T cell line (ST-1).
Format:	State: Liquid Bioreactor Concentrate Preservatives: 0.05% Sodium Azide
Applications:	Western Blotting: 1/100-1/400 for 2 hours at RT. Flow Cytometry: 5-10 µl/10 ⁶ cells. Immunofluorescence: 1/50-1/100. Immunohistochemistry on Frozen Sections: 1/100-1/200 for 30 minutes at RT. <u>Positive Control:</u> HL-60, Jurkat, MG63, HUT-78, K562, YT, U937, Hep-G2 cells. Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This Monoclonal Antibody reacts with 9-O-acetylated disialosyl group linked to the glycoprotein CD60w. <i>Cellular Localization:</i> Cell surface, cytoplasmic.
Species Reactivity:	Tested: All species.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Fox DA et. al . in Knapp W (ed) Leucocyte Typing IV 1989; pp364-366 (Oxford University Press, London). 2. Fox DA, He X, Abe A, Hollander T, Li LL, Kan L, et al. The T lymphocyte structure CD60 contains a sialylated carbohydrate epitope that is expressed on both gangliosides and glycoproteins. Immunol Invest. 2001 May;30(2):67-85. PubMed PMID: 11465673.