

## Monoclonal Antibody to CDw60 - Supernatant

<b>Alternate names:</b>	9-O-acetyl GD3, CD60
<b>Catalog No.:</b>	AM33309SU-N
<b>Quantity:</b>	0.5 ml
<b>Background:</b>	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.
<b>Host / Isotype:</b>	Mouse / IgM
<b>Clone:</b>	UM4D4
<b>Immunogen:</b>	Human rheumatoid synovial T cell line (ST-1).
<b>Format:</b>	<b>State:</b> Liquid Bioreactor Concentrate <b>Preservatives:</b> 0.05% Sodium Azide
<b>Applications:</b>	<b>Western Blotting:</b> 1/100-1/400 for 2 hours at RT. <b>Flow Cytometry:</b> 5-10 $\mu$ l/10 <sup>6</sup> cells. <b>Immunofluorescence:</b> 1/50-1/100. <b>Immunohistochemistry on Frozen Sections:</b> 1/100-1/200 for 30 minutes at RT. <b>Positive Control:</b> 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.
<b>Specificity:</b>	This Monoclonal Antibody reacts with 9-O-acetylated disialosyl group linked to the glycoprotein CD60w. <b>Cellular Localization:</b> Cell surface, cytoplasmic.
<b>Species Reactivity:</b>	<b>Tested:</b> All species.
<b>Storage:</b>	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.
<b>General Readings:</b>	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.