

**SM1146P****Monoclonal Antibody to CD60 - Purified**

<b>Alternate names:</b>	GD3
<b>Quantity:</b>	2 ml
<b>Concentration:</b>	100 µg/ml
<b>Background:</b>	CDw60 is a carbohydrate antigen present on gangliosides, platelets and a subset of CD4+, CD8+ peripheral T-cells, but not on B-cells, monocytes or granulocytes. CDw60 is involved in the costimulation of T-cells.
<b>Host / Isotype:</b>	Mouse / IgM
<b>Recommended Isotype Controls:</b>	SM13P
<b>Clone:</b>	M-T6004
<b>Immunogen:</b>	Purified CD60 antigen from PBL; 9-0-acetyl-GD3 from buttermilk. Spleen cells from immunised BALB/c mice were fused with cells of the P3. X63.Ag.8653 mouse myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgM <b>Purification:</b> Gel filtration from tissue culture supernatant <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin
<b>Applications:</b>	Flow Cytometry. Immunoprecipitation. Immunohistochemistry on frozen sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises CD60 antigen, a carbohydrate of structure 9-0-acetyl GD3. Stains T cell subsets and platelets. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Rieber, E. P. and Rank, G. (1994) CDw60: a marker from human CD8+ T-helper cells. J. Exp. Med. 179: 1385 - 1390.