

## Monoclonal Antibody to CD40 - FITC

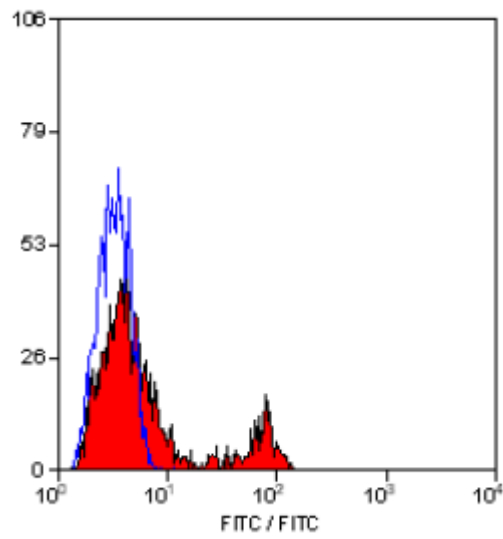
<b>Alternate names:</b>	B-cell surface antigen CD40, Bp50, CD40L receptor, CDw40, TNFRSF5, Tumor necrosis factor receptor superfamily member 5
<b>Catalog No.:</b>	SM1102FT
<b>Quantity:</b>	25 µg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	CD40 is a 48kD glycoprotein expressed by B lymphocytes and weakly by some monocytes. CD40 is involved in the process of B cell selection in germinal centres, and is vital in T cell-B cell interactions.
<b>Uniprot ID:</b>	<a href="#">P25942</a>
<b>NCBI:</b>	<a href="#">NP_001241.1</a>
<b>GeneID:</b>	<a href="#">958</a>
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	LOB7/6
<b>Immunogen:</b>	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity chromatography on Protein A <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the CD40 cell surface antigen. <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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General References:</b>	1. Quadbeck, B. et al. (2002) Maturation of thyroidal dendritic cells in Graves Disease. Scand. J. Immunol. 55: 612 - 620. 2. Kirsch, B. M. et al. (2005) The active metabolite of leflunomide, A77 1726, interferes with dendritic cell function. Arthritis Res. Ther. 7: R694-R703

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Pictures:



Staining of human peripheral blood lymphocytes with Mouse Anti Human CD40-FITC

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