

Monoclonal Antibody to CD40 - PE

Alternate names:	B-cell surface antigen CD40, Bp50, CD40L receptor, CDw40, TNFRSF5, Tumor necrosis factor receptor superfamily member 5
Catalog No.:	SM1102RT
Quantity:	25 Tests
Background:	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.
Uniprot ID:	P25942
NCBI:	NP_001241.1
GeneID:	958
Host / Isotype:	Mouse / IgG2a
Clone:	LOB7/6
Immunogen:	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Format:	State: Lyophilized purified IgG fraction. Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with distilled water.
Applications:	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD40 cell surface antigen. Species: Human. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Quadbeck, B. et al. (2002) Maturation of thyroidal dendritic cells in Graves Disease. Scand. J. Immunol. 55: 612 - 620. 2. Cheadle, E. et al. (2003) Mycobacterium bovis bacillus calmette-guerin-infected cattle dendritic cells potently activate autologous T cells via a B7 and interleukin-12-dependent mechanism. Immunology. 108: 79-88. 3. Kirsch, B. M. et al. (2005) The active metabolite of leflunomide, A77 1726, interferes with

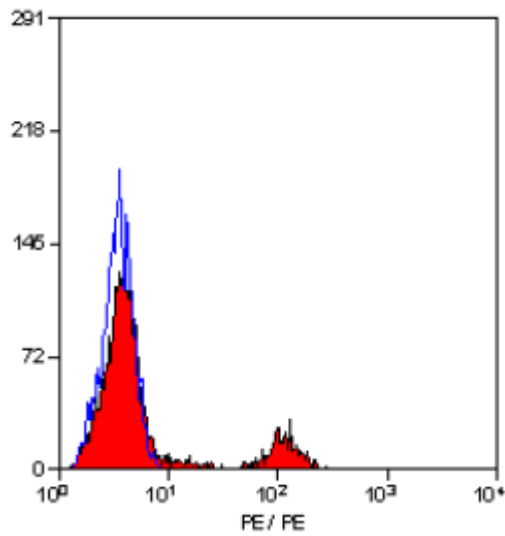
For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

dendritic cell function. Arthritis Res. Ther. 7: R694-R703

Pictures:



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

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com