



Polyclonal Anti-CD40 (Sephacrose Bead Conjugate)

Catalogue No. PA1019-S

Lot No. 03A01

Ig type: rabbit

IgG Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of mouse CD40, identical to the related rat sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

CD40 is a cell surface receptor that is expressed on the surface of all mature B cells and also expressed on monocytes, dendritic cells, and thymic epithelium. CD40 is a member of the tumor necrosis factor (TNF) receptor superfamily and is the receptor for CD40 ligand. CD40 ligand (CD40L, CD154, gp39, and TRAM) belongs to the TNF gene family and is expressed more widely than CD40 predominantly on activated CD4⁺ T cells. Activation of CD40 has also been shown to inhibit the growth of certain B cell lymphomas and to induce the death of transformed cells of mesenchymal or epithelial origin.

REFERENCE

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3. Stamenkovic, I.; Clark, E. A.; Seed, B. : A B-lymphocyte activation molecule related to the nerve growth factor receptor and induced by cytokines in carcinomas. *EMBO J.* 8: 1403-1410, 1989.
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5. Kato, K.; Cantwell, M. J.; Sharma, S.; Kipps, T. J. : Gene transfer of CD40-ligand induces autologous immune recognition of chronic lymphocytic leukemia B cells. *J. Clin. Invest.* 101: 1133-1141, 1998.

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