

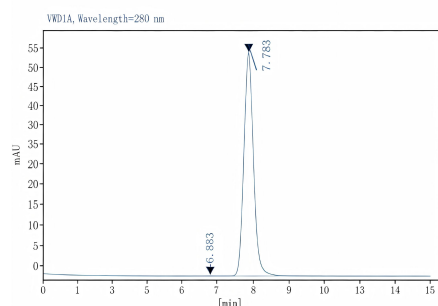


Product name:	Purified Anti-Human CD40 Antibody Azide free
Cat number:	MAB11630
Conjugate:	Unconjugated
Size:	100 ug
Clone:	HI40a
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1, κ
Immunogen:	Recombinant Human CD40 protein
Reactivity:	Human
Applications:	FCM ≤ 0.2 μ g per million cells in 100 μ L volume Stim Reported in the literature
Molecular Weight:	48 kD
Purification:	>98%, Protein A/G purified
Form:	Liquid
Buffer:	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.
Storage:	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Synonyms:	BP50
Source:	Mouse
Endotoxin:	< 1.0 EU per mg of the antibody as determined by the LAL method
Formulation:	Monomer purity $\geq 95\%$ as determined by analytical size-exclusion chromatography (SEC)
Background:	CD40 is a 48 kD type I glycoprotein also known as BP50. It is a member of the TNFR superfamily primarily expressed on B cells, macrophages, follicular dendritic cells, endothelial cells, fibroblasts, and at low levels on plasma cells. CD40 has been reported to be involved in B cell differentiation, costimulation, isotype class-switching, and protection of B cells from apoptosis. Additionally, CD40 is important for T cell-B cell interactions. The ligand of CD40 is CD154 (CD40 ligand). None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

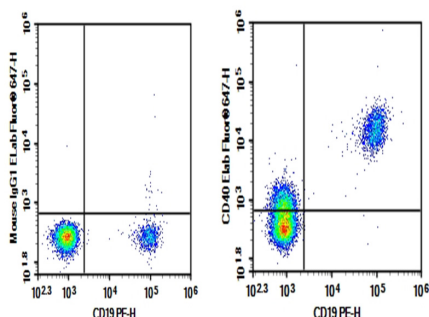
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Human peripheral blood lymphocytes were stained with 0.2 µg Purified Anti-Human CD40 Antibody, Functional Grade (Right) and 0.2 µg Mouse IgG1, κ Isotype Control (Left), followed by 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 PE-conjugated Monoclonal Antibody.



Human peripheral blood lymphocytes were stained with 0.2 µg Purified Anti-Human CD40 Antibody, Functional Grade (Right) and 0.2 µg Mouse IgG1, κ Isotype Control (Left), followed by Brighthfluor 647- conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 PE conjugated Monoclonal Antibody.

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