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30-1017: Anti-CD40 Monoclonal Antibody (Clone:HI40a)-Azide free

Clonality :	Monoclonal
Clone Name :	HI40a
Application :	FACS
Reactivity :	Human
Gene :	CD40
Gene ID :	958
Uniprot ID :	P25942
Format :	Azide free
Alternative Name :	TNFRSF5
Isotype :	Mouse IgG1
Immunogen Information :	Human CD40a

Description

CD40 is a costimulatory molecule of the TNF receptor superfamily and is expressed on many cell types, such as B cells, monocytes/macrophages, dendritic cells, endothelial cells, fibroblasts or vascular smooth muscle cells. Interaction of CD40 and its ligand CD154 (CD40L) is required for the generation of antibody responses to T-dependent antigens as well as for the development of germinal centers and memory B cells. In monocytes/macrophages CD40 engagement induces production of pro-inflammatory cytokines and chemokines. CD40-CD154 interactions are also critical for development of CD4 T cell-dependent effector functions. CD40 links innate and adaptive immune responses to bacterial stimuli and serves as an important regulator affecting functions of other costimulatory molecules.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry The purified antibody is effective for indirect immunofluorescence staining of human cells by flow cytometry analysis using 1 Ã□Âµg/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.