

32-5835: Monoclonal antibody to CD40 (Clone : hCD40.)

Clonality :	Monoclonal
Clone Name :	hCD40.
Gene :	CD40
Gene ID :	958
Uniprot ID :	P25942
Format :	Purified
Alternative Name :	p50,Bp50,CDW40,MGC9013,TNFRSF5,CD40.
Isotype :	Mouse IgG1.
Immunogen Information :	Activated Human B cells.

Description

CD40 is part of the TNF-receptor superfamily. CD40 is a necessary mediator for vast range of immune and inflammatory responses together with T cell-dependent immunoglobulin class switching, memory B cell growth, and germinal center formation. The transcription factor AKNA regulates the expression of CD40 and its ligand, which is vital for homotypic cell interactions. Adaptor protein TNFR2 interacts with CD40 and serves as a mediator of the signal transduction. The interaction of CD40 and its ligand is crucial for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. CD40 is the receptor for TNFSF5/CD40L.

Product Info

Amount :	1 mg
Purification :	Protein-A.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.