

Mouse Monoclonal Antibody to CD40

Catalogue Number	sAP-0304
Target Molecule	Name: CD40 Aliases: p50; Bp50; CDW40; TNFRSF5 MW: N/A Entrez Gene ID: 958
Description	CD40 molecule, TNF receptor superfamily member 5. It is a member of the TNF-receptor superfamily. This receptor has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. AT-hook transcription factor AKNA is reported to coordinately regulate the expression of this receptor and its ligand, which may be important for homotypic cell interactions. Adaptor protein TNFR2 interacts with this receptor and serves as a mediator of the signal transduction. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. Two alternatively spliced transcript vari-
Immunogen	Purified recombinant fragment of CD40 expressed in E. Coli.
Recitative Species	Human
Clone	MM9G10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Clin Cancer Res. 2003 Feb;9(2):722-8. ; 2. Clin Cancer Res. 2003 Feb;9(2):619-24. ; 3. Immunity. 1999 Sep;11(3):339-48.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**