

CD40 monoclonal antibody

Catalog: MB23033

Host: Mouse

Reactivity: Human

BackGround:

This gene is a member of the TNF-receptor superfamily. The encoded protein is a receptor on antigen-presenting cells of the immune system and is essential for 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. Mutations affecting this gene are the cause of autosomal recessive hyper-IgM immunodeficiency type 3 (HIGM3). Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Nov 2014]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

30.6kDa

Swiss-Prot:

P25942

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000 FC:1/200-1/400

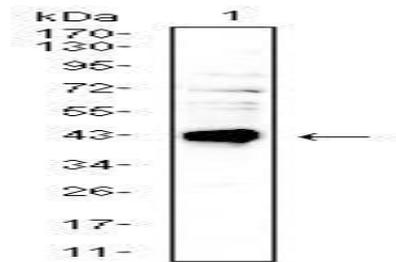
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

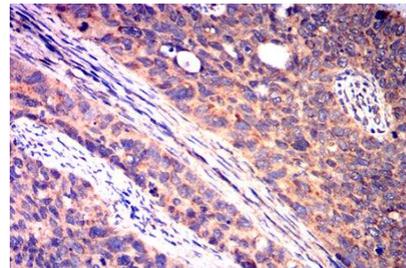
Isotype:

Mouse IgG1

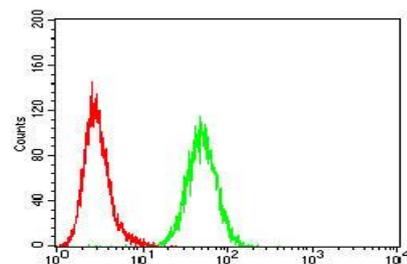
DATA:



Western blot analysis using CD40 mouse mAb against Raji cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD40 mouse mAb with DAB staining.



Flow cytometric analysis of Raji cells using CD40 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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