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| Product name: | CD40 Mouse Monoclonal Antibody |
| Cat number: | MABN80757 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | Mouse IgG1 |
| Immunogen: | Purified recombinant fragment of CD40 expressed in E. Coli. |
| Reactivity: | Human |
| Applications: | ICC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight: | 30.6kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Ascitic fluid containing 0.03% sodium azide. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | <p>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 variants of this gene encoding distinct isoforms have been reported.</p> |