

bsm-60748R**[Primary Antibody]****BioSS**
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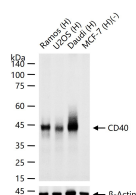
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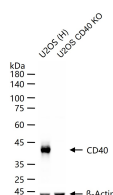
400-901-9800

CD40 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit Clonality: Recombinant GeneID: 958 Target: CD40 Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: PBS, Glycerol, BSA. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Predicted to enable antigen binding activity; protein domain specific binding activity; and ubiquitin protein ligase binding activity. Involved in B cell mediated immunity; CD40 signaling pathway; and cellular calcium ion homeostasis. Acts upstream of or within several processes, including defense response to other organism; positive regulation of B cell activation; and positive regulation of interleukin-12 production. Located in external side of plasma membrane and intracellular membrane-bounded organelle. Part of CD40 receptor complex. Is expressed in several structures, including alimentary system; brain; hemolymphoid system gland; liver and biliary system; and reproductive system. Human ortholog(s) of this gene implicated in several diseases, including Kawasaki disease; autoimmune disease (multiple); end stage renal disease; hyperimmunoglobulin syndrome (multiple); and non-Hodgkin lymphoma (multiple). Orthologous to human CD40 (CD40 molecule). [provided by Alliance of Genome Resources, Apr 2022]	Isotype: IgG CloneNo.: 4F9 SWISS: P25942	Applications: WB (1:500-2000) Reactivity: Human Predicted MW.: 30 kDa Subcellular Location: Secreted ,Cell membrane
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— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with CD40 monoclonal antibody, unconjugated (bsm-60748R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



25 ug total protein per lane of various lysates (see on figure) probed with CD40 monoclonal antibody, unconjugated (bsm-60748R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=5.6]** Runyuan Liu. et al. Milk-Derived Small Extracellular Vesicles Promote Osteogenic Differentiation and Inhibit Inflammation via microRNA-21. INT J MOL SCI. 2023 Jan;24(18):13873 WB ;Mouse. 37762176