bsm-60748R **[Primary Antibody]**

CD40 Recombinant Rabbit mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

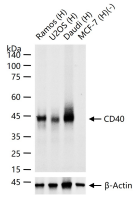
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 4F9
GeneID: 958
SWISS: P25942
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]

Applications: **WB** (1:500-2000)
Reactivity: Human
Predicted MW.: 30 kDa
Subcellular Location: Secreted ,Cell membrane

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.

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