

bs-1286R**[Primary Antibody]****CD40L Rabbit pAb****BioSS**
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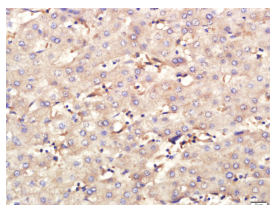
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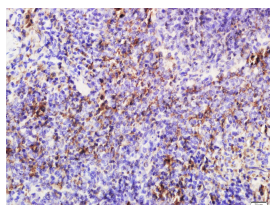
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 959 Target: CD40L Immunogen: KLH conjugated synthetic peptide derived from human CD40L: 31-150/261. < Extracellular > Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: CD40 ligand (CD40L) is a 33 kDa type II membrane glycoprotein expressed mainly on the cell surface of activated T lymphocytes, but also exists as a soluble form extracellularly. CD40L is the ligand for CD40, a member of the TNF superfamily, which is expressed on the cell surface of B cells, macrophages/monocytes, dendritic cells, vascular endothelial cells, and epithelial cells. CD40L plays an important role in B cell proliferation, antibody class switching, modulation of apoptosis in the germinal center through interaction with B cells expressing CD40, and activation of CD4+ T cells. Mutation within the CD40L gene is linked to hyper IgM syndrome, an X linked immunodeficiency disease that is characterized by elevated level of serum IgM and decreased level of other isotypes.	Isotype: IgG SWISS: P29965 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat Predicted MW.: 29 kDa Subcellular Location: Secreted ,Cell membrane
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human liver cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD40L) Polyclonal Antibody, Unconjugated (bs-1286R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD40L) Polyclonal Antibody, Unconjugated (bs-1286R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.304]** Chen Y et al. Dendritic cells-derived interferon- λ 1 ameliorated inflammatory bone destruction through inhibiting osteoclastogenesis. Cell Death Dis. 2020 Jun 2;11(6):414. WB ;Mouse. 32488049
- **[IF=3.166]** Zhang, Feng, et al. "BAFF upregulates CD28/B7 and CD40/CD154 expression and promotes mouse T and B cell interaction in vitro via BAFF receptor." Acta Pharmacologica Sinica (2016). WB ;="Mouse". 27180986
- **[IF=2.895]** Wang B et al. Anti - Adhesive, Platelet Gathering Effects of c - RGD Modified Poly (p - dioxanone - co - l -

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Phe) Electrospun Membrane and Its Comprehensive Application in Intestinal Anastomosis. Macromol Biosci. 2019 Dec 18:e1900344. IHC ;Rat. 31854121

- **[IF=3.455]** Jennifer A. Schreiber. et al. Moderate blood alcohol and brain neurovulnerability: Selective depletion of calcium-independent PLA2, omega-3 docosahexaenoic acid and its synaptamide derivative as a potential harbinger of deficits in anti-inflammatory reserve. 2021 Nov 01 WB ;Rat,Mouse. 34719812
- **[IF=0]** Rui-Kai and Jian Effects of xinfeng capsules on expression of platelet granule membrane protein 140 and platelet cluster of differentiation 40 ligand in peripheral blood of adjuvant arthritis rats. (2012) Int.J.Rheumato. 2012:139696 FCM,Other ;Rat. 22611405