

# Human 4-1BBL Polyclonal Antibody

**CATALOG NO:** 5369-30T 30 µg (Trial size)  
5369-100 100 µg

**CONCENTRATION:** 0.5 mg/ml

**IMMUNOGEN:** *E. coli* expressed recombinant human 4-1BBL (Cat. No. 4369-20)

**INTERNAL ID:** BV-H64G

**HOST:** Rabbit

**SPECIES REACTIVITY:** Rat

**PURIFICATION:** Affinity purified rabbit IgG

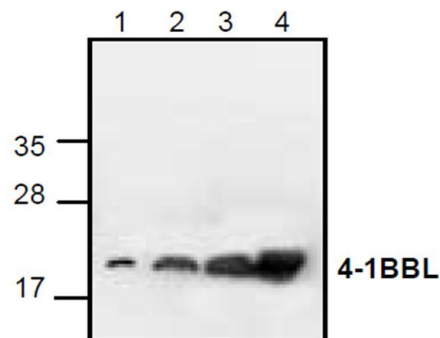
**FORMULATION:** Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal

**STORAGE CONDITIONS:** Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:** Human 4-1BB Ligand (4-1BBL) is a member of the emerging family of Ligands with structural homology to tumor necrosis factor. Human 4-1BBL is a 19.5 kDa protein containing 185 amino acid residues, comprising the TNF-like extra-cellular domain of 4-1BBL.

**APPLICATION:** Western blot: 0.5-4 µg/ml, Immunohistochemistry: 5 µg/ml

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Western blot analysis of 4-1BBL using recombinant human 4-1BBL.**

Lane 1: 10ng  
Lane 2: 50ng  
Lane 3: 100ng  
Lane 4: 200ng

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**FOR RESEARCH USE ONLY! Not to be used on humans.**