

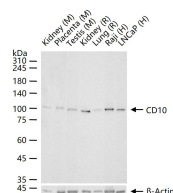
bsm-62909R**[Primary Antibody]****CD10 Recombinant Rabbit mAb****BioSS**
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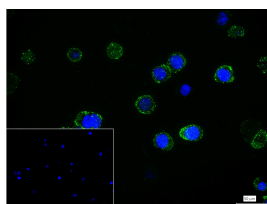
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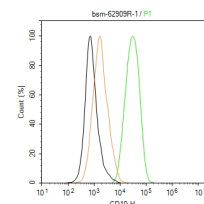
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 14B10**GeneID:** 4311**SWISS:** P08473**Target:** CD10**Immunogen:** A synthesized peptide derived from human Neprilysin: 5-32/750.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond.**Applications:** **WB** (1:1000-2000)
Flow-Cyt (1µg/Test)
ICC/IF (1:100-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 86 kDa**Observed MW.:** 100 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

25 µg total protein per lane of various lysates (see on figure) probed with CD10 monoclonal antibody, unconjugated (bsm-62909R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed Raji (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (CD10) monoclonal Antibody, unconjugated (bsm-62909R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Raji (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-CD10 antibody (bsm-62909R): 1 µg/10⁶ cells; Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.