

bsm-60237R**[Primary Antibody]****CD43 Recombinant Rabbit mAb****BioSS**
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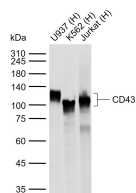
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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** H6G11**Target:** CD43**Purification:** affinity purified by Protein A**Concentration:** 0.5mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a highly sialylated glycoprotein that functions in antigen-specific activation of T cells, and is found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It contains a mucin-like extracellular domain, a transmembrane region and a carboxy-terminal intracellular region. The extracellular domain has a high proportion of serine and threonine residues, allowing extensive O-glycosylation, and has one potential N-glycosylation site, while the carboxy-terminal region has potential phosphorylation sites that may mediate transduction of activation signals. Different glycoforms of this protein have been described. In stimulated immune cells, proteolytic cleavage of the extracellular domain occurs in some cell types, releasing a soluble extracellular fragment. Defects in expression of this gene are associated with Wiskott-Aldrich syndrome. [provided by RefSeq, Sep 2017]

Applications: WB (1:500-2000)**Flow-Cyt** (1:50-100)**Reactivity:** Human**Predicted
MW.:** 38 kDa**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

Sample: Lane 1: Human U937 cell lysates Lane 2:
Human K562 cell lysates Lane 3: Human Jurkat
cell lysates Primary: Anti-CD43 (bsm-60237R) at
1/10000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 38 kDa Observed band size: 105 kDa