bs-2569R **[Primary Antibody]**

CD226 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 10666 **SWISS:** Q15762

Target: CD226

Immunogen: KLH conjugated synthetic peptide derived from human CD226: 201-300/336. < 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: This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. [provided by RefSeq, Jul 2008]

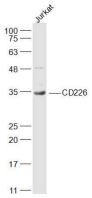
Applications: **WB** (1:500-2000)
Flow-Cyt (1μg/Test)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Horse)

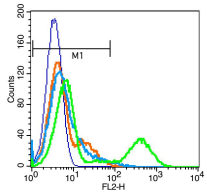
Predicted MW.: 35 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Jurkat(Human) Cell Lysate at 30 ug Primary: Anti-CD226 (bs-2569R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kD Observed band size: 35 kD



Blank control(blue): Jurkat cells(fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti-CD226 antibody(bs-2569R), Dilution: 1μg in 100 μL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

SELECTED CITATIONS

- **[IF=15.304]** Yao Lei. et al. Phytochemical natural killer cells reprogram tumor microenvironment for potent immunotherapy of solid tumors. BIOMATERIALS. 2022 Jun;:121635 WB,IF,FCM ;Mouse. 10.1016/j.biomaterials.2022.121635