bsm-61103R

[Primary Antibody]

CD97 Recombinant Rabbit mAb

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— DATASHEET —

Host: Rabbit   **Isotype:** IgG

Clonality: Recombinant   **CloneNo.:** 7E8

GeneID: 976   **SWISS:** P48960

Target: CD97

Immunogen: A synthesized peptide derived from human ADGRE5: 450-500.

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℃ for short term. Store at -20℃ for long term. Avoid repeated freeze/thaw cycles.

Background: Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.

Applications: **WB** (1:500-2000)
IHC-P (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)
IP (1:20-50)

Reactivity: Human (predicted: Mouse)

Predicted MW.: 92

Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane

— VALIDATION IMAGES —
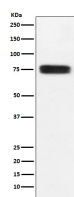
Western blot analysis of U937 cell lysate. Using CD97 (bsm-61103R) monoclonal antibody at 1:1000 dilution and 4℃ overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.
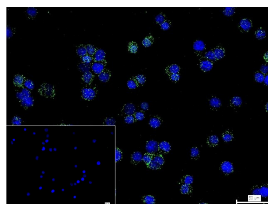
4% Paraformaldehyde-fixed Jurkat (H) cell; Antibody incubation with (CD97) monoclonal Antibody, unconjugated (bsm-61103R) 1:100, 90 min at 37℃; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37℃ for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
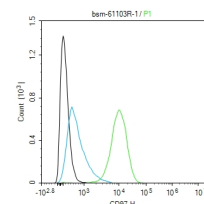
The Jurkat (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-CD97 antibody (bsm-61103R,1:100); Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488(bs-60295G-BF488): 1 μg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.