bs-2703R **[Primary Antibody]**

SIGLEC5 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8778 **SWISS:** O15389

Target: SIGLEC5

Immunogen: KLH conjugated synthetic peptide derived from human CD170: 481-551/551. < Cytoplasmic >

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: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha2,3-linked and alpha2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. This molecule is expressed by monocytic/myeloid lineage cells. Found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and thymus. Expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differenciation.

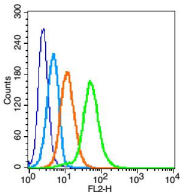
Applications: **Flow-Cyt** (1µg /test)

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

Predicted MW.: 59 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Blank control(blue): U937(fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-CD170 antibody(bs-2703R), 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=13.081]** Xu Jun Yan. et al. Interleukin-5-induced eosinophil population improves cardiac function after myocardial infarction. CARDIOVASC RES. 2022 Jul;118(9):2165-2178 IHC ;Mouse. 34259869