bs-4195R **[Primary Antibody]**

ADAM8 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 101 **SWISS:** P78325

Target: ADAM8

Immunogen: KLH conjugated synthetic peptide derived from human ADAM8 52-91aa: 51-150/824. < 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: Members of ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. The extracellular region of ADAM8 shows significant amino acid sequence homology to hemorrhagic snake venom proteins, including the metalloprotease and disintegrin domains. The expression of ADAM8 is upregulated by retinoic acid and vitamin D3.

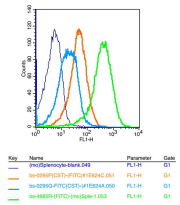
Applications: **Flow-Cyt** (1µg/Test)

Reactivity: Human, Mouse (predicted: Rat, Cow, Dog)

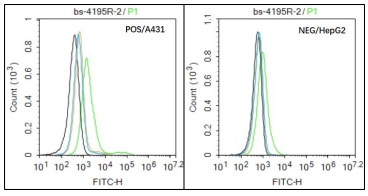
Predicted MW.: 87 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Blank control: Mouse splenocytes(blue) Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1µl in 100 µL1X PBS containing 0.5% BSA(green).



Black line : Positive blank control A431); Negative blank control (HepG2) Green line : Primary Antibody (Rabbit Anti-ADAM8 antibody (bs-4195R)) Orange line: Isotype Control Antibody (Rabbit IgG) . Blue line : Secondary Antibody (Goat anti-rabbit IgG-AF488) A431 (Positive) and HepG2 (Negative control) cells (black) were incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with ADAM8 Antibody(bs-4195R)at 1:50 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody(blue) incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).