

bsm-60746R**[Primary Antibody]****BioSS**
ANTIBODIES

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CD239 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1D12**GeneID:** 4059**SWISS:** P50895**Target:** CD239**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** PBS, Glycerol, BSA.

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

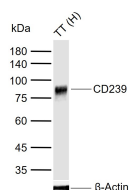
Background: This gene encodes Lutheran blood group glycoprotein, a member of the immunoglobulin superfamily and a receptor for the extracellular matrix protein, laminin. The protein contains five extracellular immunoglobulin domains, a single transmembrane domain, and a short C-terminal cytoplasmic tail. This protein may play a role in epithelial cell cancer and in vaso-occlusion of red blood cells in sickle cell disease. Polymorphisms in this gene define some of the antigens in the Lutheran system and also the Auberger system. Inactivating variants of this gene result in the recessive Lutheran null phenotype, Lu(a-b-), of the Lutheran blood group. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012].

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:400-800)
IF (1:100-500)

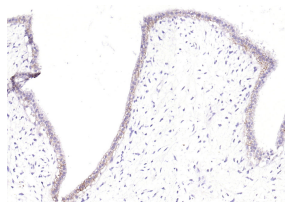
Reactivity: Human

Predicted
MW.: 64 kDa

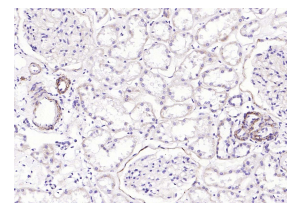
Subcellular
Location: Cell membrane

— VALIDATION IMAGES —

Sample: Lane 1: Human TT cell lysates Primary:
 Anti-CD239 (bsm-60746R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 64 kDa
 Observed band size: 85 kDa



Paraformaldehyde-fixed, paraffin embedded
 (human breast carcinoma); Antigen retrieval by
 boiling in sodium citrate buffer (pH6.0) for
 15min; Block endogenous peroxidase by 3%
 hydrogen peroxide for 20 minutes; Blocking
 buffer (normal goat serum) at 37°C for 30min;
 Antibody incubation with (CD239) Monoclonal
 Antibody, Unconjugated (bsm-60746R) at 1:200
 overnight at 4°C, followed by operating
 according to SP Kit(Rabbit) (sp-0023)
 instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded
 (Human kidney); Antigen retrieval by boiling in
 sodium citrate buffer (pH6.0) for 15min; Block
 endogenous peroxidase by 3% hydrogen
 peroxide for 20 minutes; Blocking buffer (normal
 goat serum) at 37°C for 30min; Antibody
 incubation with (CD239) Monoclonal Antibody,
 Unconjugated (bsm-60746R) at 1:200 overnight
 at 4°C, followed by operating according to SP
 Kit(Rabbit) (sp-0023) instructions and DAB
 staining.