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CD62E Rabbit mAb

Catalog No.: A26341 Recombinant 1 Publications

Basic Information

Observed MW
115kDa

Calculated MW
66kDa

Category
Primary antibody

Applications
WB,IF/ICC,FC,ELISA

Cross-Reactivity
Mouse

CloneNo number
ARC69626

Background

Predicted to enable several functions, including oligosaccharide binding activity; phospholipase binding activity; and sialic acid binding activity. Involved in positive regulation of leukocyte tethering or rolling. Acts upstream of or within positive regulation of leukocyte migration. Predicted to be located in several cellular components, including caveola; clathrin-coated pit; and perinuclear region of cytoplasm. Predicted to be integral component of plasma membrane. Predicted to be active in external side of plasma membrane and extracellular space. Is expressed in several structures, including adrenal gland; genitourinary system; incisor; integumental system; and limb segment. Human ortholog(s) of this gene implicated in IgA glomerulonephritis; brain ischemia; cerebrovascular disease; and coronary artery disease. Orthologous to human SELE (selectin E).

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
FC	1:500-1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
20339

Swiss Prot
Q00690

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 22-557 of mouse CD62E(NP_035475.2).

Synonyms
Elam; CD62E; ELAM-1; LECAM2; E-selectin

Contact

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Product Information

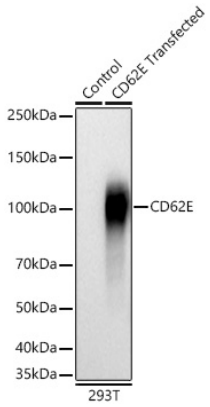
Source
Rabbit

Isotype
IgG

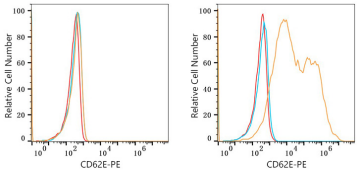
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

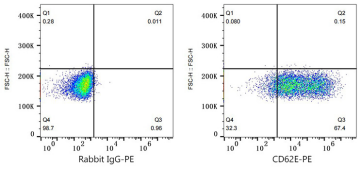
Validation Data



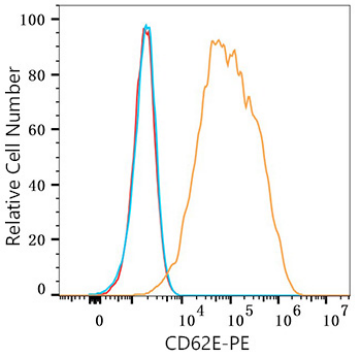
Western blot analysis of lysates from wild type (WT) and 293T cells transfected with CD62E using CD62E Rabbit mAb (A26341) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 20 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020)
.Exposure time: 30s.



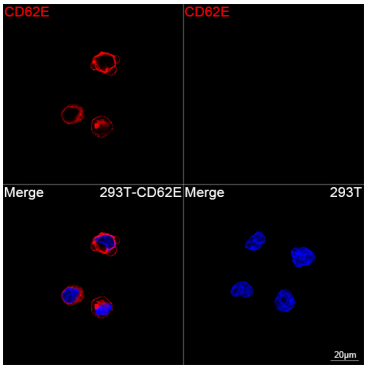
Flow cytometry: 1X10^6 CHO cells (negative control,left) and CHO (Transfection,right) cells were surface-stained with CD62E Rabbit mAb (A26341,2 µg/mL,orange line) or Rabbit IgG isotype control (AC042,2 µg/mL,blue line), followed by PE Goat anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 CHO (Transfection) cells were surface-stained with Rabbit IgG isotype control (AC042,2 µg/mL,left) or CD62E Rabbit mAb (A26341,2 µg/mL,right), followed by PE Goat anti-Rabbit pAb staining.



Flow cytometry: 1X10^6 bEnd.3 cells (right) were surface-stained with CD62E Rabbit mAb (A26341,2 µg/mL,orange line) or Rabbit IgG isotype control (AC042,2 µg/mL,blue line), followed by PE Goat anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Confocal imaging of 293T cells transfected with CD62E using CD62E Rabbit mAb (A26341, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.