

## Rabbit anti-Human, Mouse SELE Polyclonal Antibody | anti-SELE antibody

SELE Polyclonal Antibody

|                              |                       |                                   |                                                                               |
|------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA36928</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------------------|

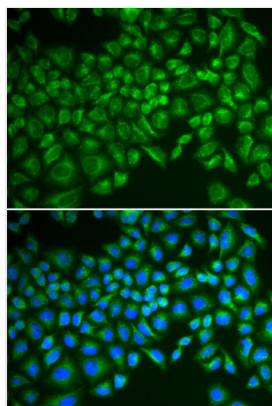
### PRODUCT SYNONYMS

SELE; Polyclonal Antibody; SELE Polyclonal Antibody; CD62EL; ELAM; ELAM1; ESEL; LECAM2; E-selectin; Leukocyte-endothelial cell adhesion molecule 2; anti-SELE antibody

### PRODUCT SPECIFICATIONS

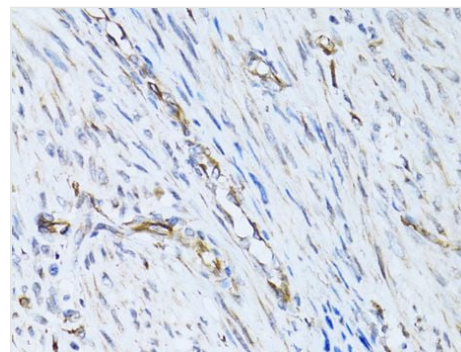
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Isotype                                        | IgG                                                                                                                                                   |
| Purity/Purification                            | Affinity Purification                                                                                                                                 |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                | 610                                                                                                                                                   |
| Applicable Applications for anti-SELE antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                        | Human                                                                                                                                                 |
| Immunogen                                      | Recombinant Protein                                                                                                                                   |
| Immunogen                                      | Recombinant protein of human SELE                                                                                                                     |
| Calculated Molecular Weight                    | 67kDa                                                                                                                                                 |
| Preparation and Storage                        | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



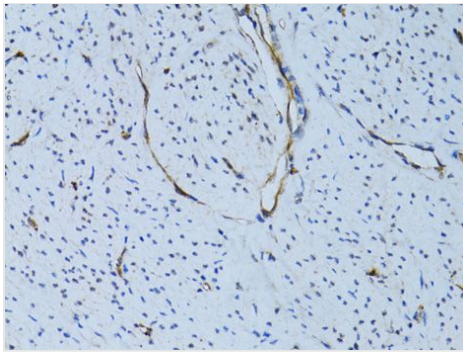
#### IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using SELE antibody. Blue: DAPI for nuclear staining.



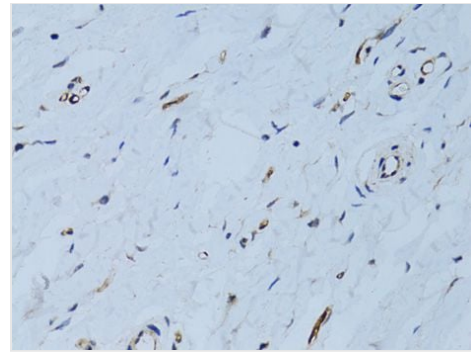
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human uterine cancer using SELE Antibody at dilution of 1:100 (40x lens).



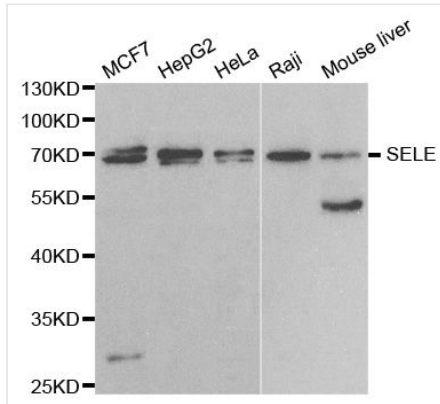
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human uterus using SELE Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast using SELE Antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SELE antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

## ADDITIONAL INFORMATION

### Related Product Information for anti-SELE antibody

The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. [provided by RefSeq]

### Product Categories/Family for anti-SELE antibody

Polyclonal

## NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 126180                           |
| NCBI GeneID                      | 6401                             |
| UniProt Accession #              | P16581; P16111; A2RRD6           |
| Molecular Weight                 | 610                              |
| NCBI Official Full Name          | E-selectin                       |
| NCBI Official Synonym Full Names | selectin E                       |
| NCBI Official Symbol             | SELE                             |
| NCBI Official Synonym Symbols    | ELAM; ESEL; CD62E; ELAM1; LECAM2 |

|                            |                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | E-selectin; ELAM-1; endothelial adhesion molecule 1; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; leukocyte-endothelial cell adhesion molecule 2 |
| UniProt Protein Name       | E-selectin                                                                                                                                                                                                                        |
| UniProt Gene Name          | SELE                                                                                                                                                                                                                              |
| UniProt Synonym Gene Names | ELAM1; ELAM-1; LECAM2                                                                                                                                                                                                             |
| UniProt Entry Name         | LYAM2_HUMAN                                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sele-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36928>