

Mouse anti-Human PSGL-1/CD162 Monoclonal Antibody | anti-PSGL-1/CD162 antibody

Anti-PSGL-1/CD162 Antibody, Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258912	Mouse	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

PSGL-1/CD162; Monoclonal Antibody; Anti-PSGL-1/CD162 Antibody; Mouse Monoclonal; selectin P ligand; Anti-CD162 Antibody; Anti-CLA Antibody; Anti-PSGL-1 Antibody; Anti-PSGL1 Antibody; anti-PSGL-1/CD162 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	#337
Specificity	Human PSGL-1/CD162
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PSGL-1/CD162 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Preparation	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
Immunogen	Recombinant Human PSGL-1/CD162 Protein
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SELPLG- in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human SELPLG- monoclonal antibody (dilution ratio 1:60) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human CD162 in human tonsil with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CD162 in human spleen with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PSGL-1/CD162 antibody	P-selectin glycoprotein ligand-1 (PSGL-1), also known as SELPLG or CD162, is the high affinity counter-receptor for P-selectin on expressed on activated endothelial cells and platelets. PSGL-1 is a mucin-type glycoprotein, expressed on leukocytes and platelets as a homodimer of two disulfide-linked subunits of ~12 kD. As cell adhesion molecules, multiple studies have shown that PSGL-1/ P-selectin interaction is required for the normal recruitment of leukocytes during inflammatory reactions, and also participates in hemostatic responses. PSGL-1 protein requires two distinct posttranslational modifications for the Ca ²⁺ -dependent recognition by the lectin domain of P-selectin, that is tyrosine sulfation and specific O-linked glycosylation (sialic acid and fucose). PSGL-1 can also bind to other two members of the selectin family, E-selectin (endothelial) and L-selectin (leukocyte), but binds best to P-selectin.
References	1. Sako, D. et al., 1993, Cell. 75: 1179-1186. 2. Wilkins, P. P. et al., 1995, J. Biol. Chem. 270: 22677-22680. 3. Frenette, P. S. et al., 2000, J. Exp. Med. 191: 1413-1422. 4. Vandendries, E.R. et al., 2004, Thromb. Haemost. 92: 459-466. 5. Pouyani, T. et al., 1995, Cell. 83: 333-343.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/psgl-1-cd162-antibody-clone-337-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/258912>