

# P-Selectin/CD62P Recombinant Monoclonal Antibody [BLR268L]

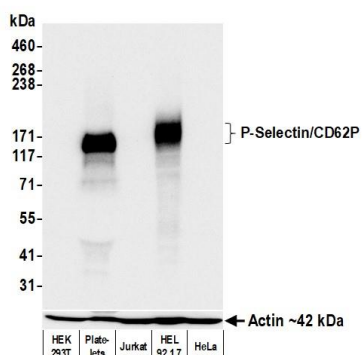
Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_035477.1
Catalog No.	A700-268-T	Uniprot ID	Q01102
Lot No.	1	GeneID	20344

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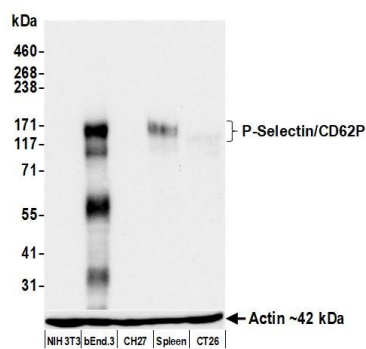
<b>APPLICATIONS</b>	WB, IP, IHC, ICC, Flow Cyt, mIF
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	10 µl (5+ tests)
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR268L
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.  Immunogen was a recombinant protein representing the extracellular domain of mouse P-Selectin/CD62P (residues 42–709, NP_035477.1).
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  Western Blot                      1:1,000 Immunoprecipitation            6 µl/1 mg lysate Immunohistochemistry        1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Immunocytochemistry        1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. Flow Cytometry                Live or cells fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10 <sup>6</sup> cells. Multiplex Immunofluorescence    1:100 (COMET™)
<b>IHC HUMAN CONTROLS</b>	Appendix, Colon Carcinoma, Skin Carcinoma, Tonsil, HEL 92.1.7 Cells
<b>IHC MOUSE CONTROLS</b>	Lung, Ovary, bEnd.3 Cells
<b>ADDITIONAL INFO</b>	<a href="https://www.fortislifesciences.com/p/A700-268-T">https://www.fortislifesciences.com/p/A700-268-T</a> Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: July 3, 2023



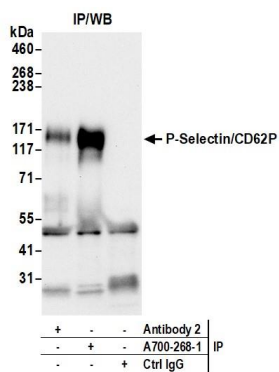
**Detection of human P-Selectin/CD62P by western blot.**

*Samples:* Whole cell lysate (50 µg) from HEK293T, Platelets, Jurkat, HEL 92.1.7, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



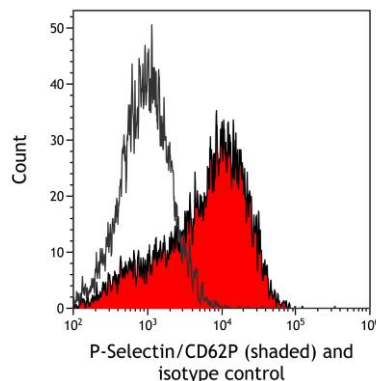
**Detection of mouse P-Selectin/CD62P by western blot.**

*Samples:* Whole cell lysate (50 µg) from NIH 3T3, bEnd.3 (10 µg), CH27, Spleen, and CT26 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



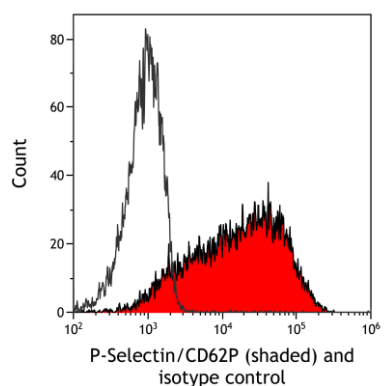
**Detection of human P-Selectin/CD62P by western blot of immunoprecipitates.**

*Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEL 92.1.7 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268 lot 1) used for IP at 6 µl/mg lysate. P-Selectin/CD62P was also immunoprecipitated by a second antibody against a different epitope of P-Selectin/CD62P (Antibody 2). For blotting immunoprecipitated P-Selectin/CD62P, A700-268 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

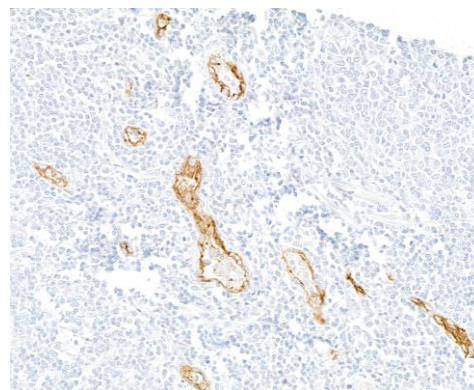


**Detection of human P-Selectin/CD62P (shaded) in He192.1.7 cells by flow cytometry.**

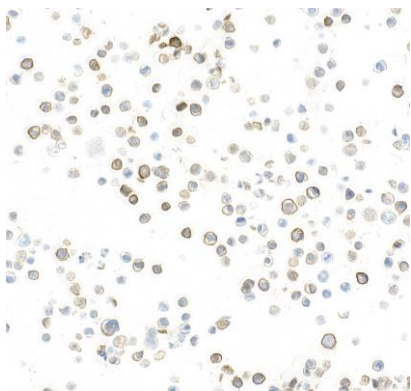
*Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).



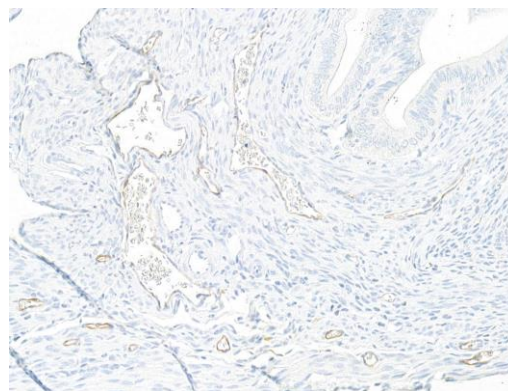
**Detection of mouse P-Selectin/CD62P (shaded) in b.END3 cells by flow cytometry.** *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).



**Detection of human P-Selectin/CD62P by immunohistochemistry.** *Sample:* FFPE section of tonsil. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



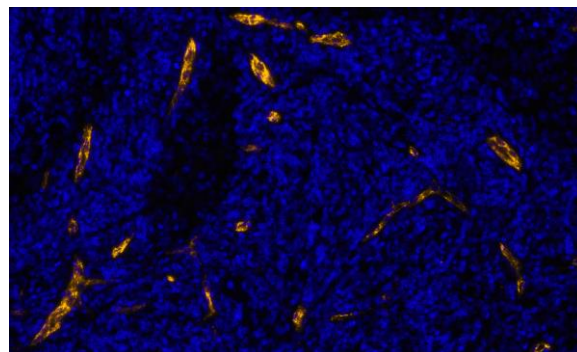
**Detection of human P-Selectin/CD62P by immunocytochemistry.** *Sample:* FFPE section of HEL 92.1.7 cells. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of mouse P-Selectin/CD62P by immunohistochemistry.** *Sample:* FFPE section of mouse ovary. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of mouse P-Selectin/CD62P by immunocytochemistry.** *Sample:* FFPE section of bEnd.3 cells. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of human P-Selectin/CD62P (orange) by immunofluorescence.** *Sample:* FFPE section of metastatic lymph node. *Antibody:* Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody [BLR268L] (A700-268) used at 1:100. *Secondary:* Invitrogen Goat anti-rabbit IgG Alexa Fluor™ Plus 647 1:400. Counterstain: DAPI (blue).