

Product Datasheet

Rabbit P-Selectin/CD62P Recombinant Monoclonal Antibody (orb1784574)

Catalog Number	orb1784574
Category	Antibodies
Description	Rabbit P-Selectin/CD62P Recombinant Monoclonal Antibody
Target	P-Selectin/CD62P
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Liquid
Concentration	1000 µg/ml
Buffer/Preservatives	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, rAlbumin-Free
Purity	Recombinant antibody was purified from cell culture supernatant
Purification	Purified
Immunogen	Residues 42-709 (ECD)
UniProt ID	Q01102
Tested applications	FC, ICC, IF, IHC, IP, WB

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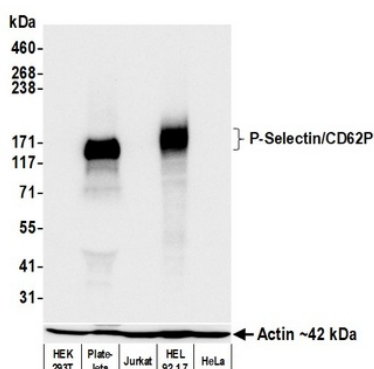
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Dilution range	Flow-Cyt Live or cells fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10 ⁶ cells. Immunocytochemistry (ICC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. Immunohistochemistry (IHC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Immunoprecipitation (IP) 6 µl/mg lysate. Multiplex Immunofluorescence (mIF) 1:100. Western Blot (WB) 1:1000
Application notes	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight
Antibody Type	Primary Antibody
Clone Number	BLR268L
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Background	P-Selectin, or CD62P, is a Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. It mediates the interaction of activated endothelial cells or platelets with leukocytes
Note	For research use only
NCBI	NP_035477.1
Expiration Date	12 months from date of receipt.



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 (orb1784574) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody.

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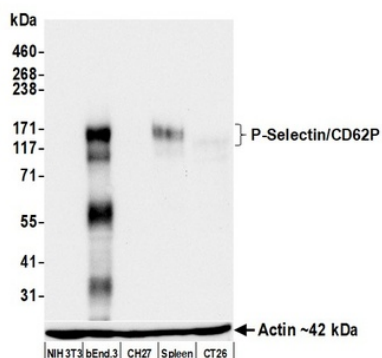
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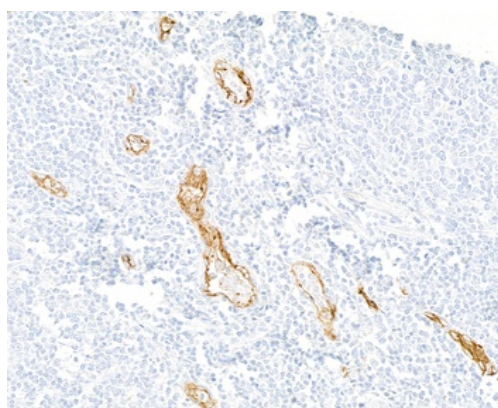
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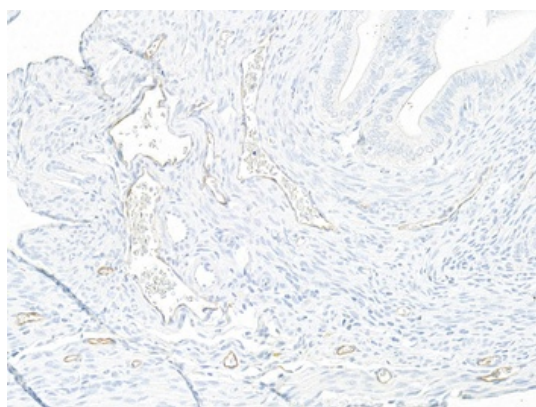
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Detection of mouse P-Selectin/CD62P by western blot. Samples: Whole cell lysate (50 µg) from NIH 3T3, bEnd.3 (10 µg), CH27, Spleen, and CT26 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody (orb1784574) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody.



Detection of human P-Selectin/CD62P by immunohistochemistry. Sample: FFPE section of tonsil. Antibody: Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody (orb1784574). Secondary: HRP-conjugated goat anti-rabbit IgG.



Detection of mouse P-Selectin/CD62P by immunohistochemistry. Sample: FFPE section of mouse ovary. Antibody: Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody (orb1784574). Secondary: HRP-conjugated goat anti-rabbit IgG.

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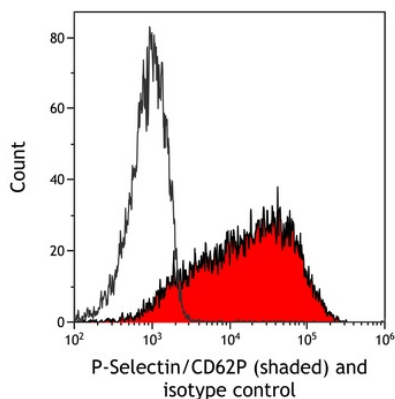
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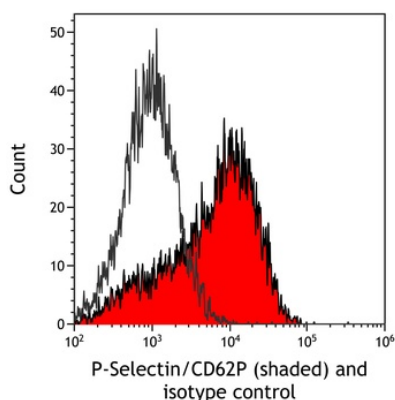
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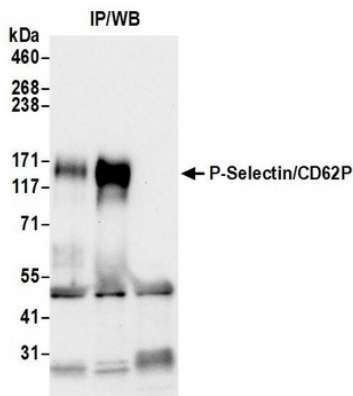
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Detection of mouse P-Selectin/CD62P (shaded) in b.END3 cells by flow cytometry. Antibody: Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody (orb1784574) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.



Detection of human P-Selectin/CD62P (shaded) in He192.1.7 cells by flow cytometry. Antibody: Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody (orb1784574) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.



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 (orb1784574) used for IP at 6 µl/mg lysate.

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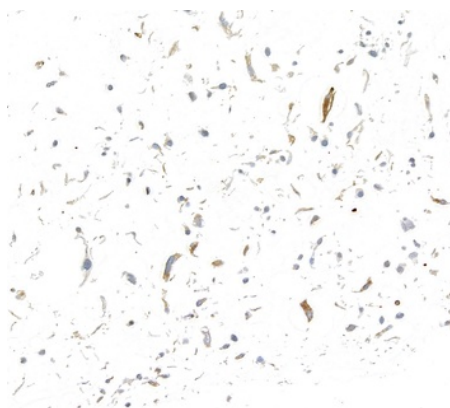
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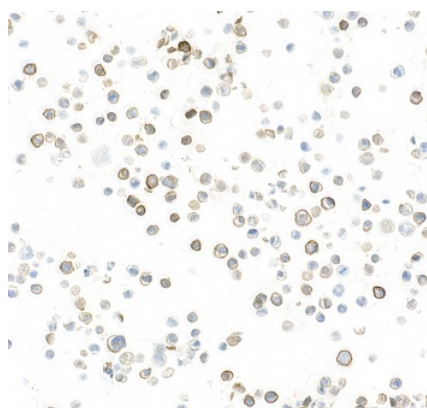
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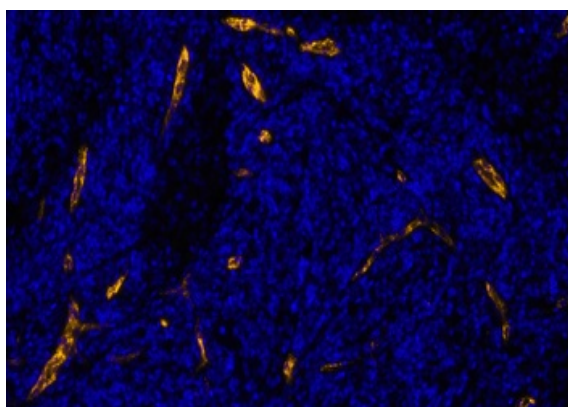
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Detection of mouse P-Selectin/CD62P by immunocytochemistry. Sample: FFPE section of bEnd.3 cells. Antibody: Rabbit anti-P-Selectin/CD62P recombinant monoclonal antibody (orb1784574). Secondary: HRP-conjugated goat anti-rabbit IgG.



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 (orb1784574). Secondary: HRP-conjugated goat anti-rabbit IgG.



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 (orb1784574) used at 1:100. Secondary: Invitrogen Goat anti-rabbit IgG Alexa Fluor™ Plus 647 1:400. Counterstain: DAPI (blue).

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