

Anti-CD62P antibody [EPR22850-190] ab255822

リコンビナント RabMAb[®]

5 References [画像数 6](#)

製品の概要

製品名	Anti-CD62P antibody [EPR22850-190]
製品の詳細	Rabbit monoclonal [EPR22850-190] to CD62P
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt, ICC/IF or IP
種交差性	交差種: Mouse, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HUVEC, Human serum, Human plasma, Human lung and Mouse platelet lysates. IHC-P: Human stomach, Human spleen and Mouse spleen tissues.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR22850-190

アイソタイプ

IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab255822の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000.
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

追加情報

Is unsuitable for Flow Cyt, ICC/IF or IP.

ターゲット情報

機能

Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1.

組織特異性

Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.

関連疾患

Defects in SELP may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.

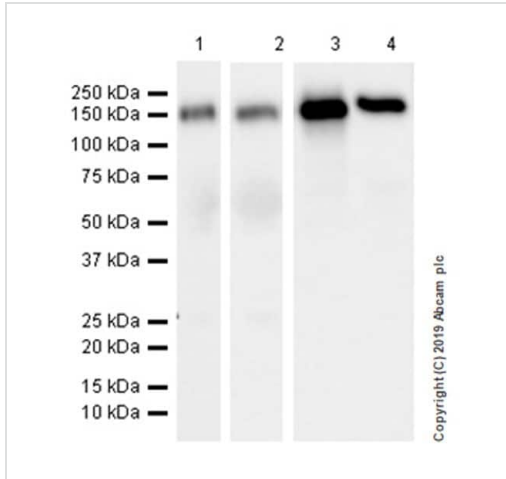
配列類似性

Belongs to the selectin/LECAM family.
Contains 1 C-type lectin domain.
Contains 1 EGF-like domain.
Contains 9 Sushi (CCP/SCR) domains.

細胞内局在

Membrane.

画像



Western blot - Anti-CD62P antibody [EPR22850-190] (ab255822)

All lanes : Anti-CD62P antibody [EPR22850-190] (ab255822) at 1/1000 dilution

Lane 1 : Human serum

Lane 2 : Human plasma

Lane 3 : Human lung lysate

Lane 4 : Mouse platelet

Lysates/proteins at 20 µg per lane.

Secondary

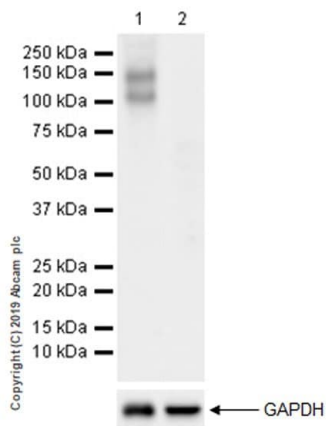
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/2000 dilution (Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG)

Observed band size: 140 kDa

Blocking and Dilution Buffer and concentration: 5% NFDM/TBST.

The expression profile/ molecular weight observed is consistent with what has been described in the literature (PMID: 24945938).

Exposure time: Lane 1:15 seconds; Lanes 2-4:8 seconds.



Western blot - Anti-CD62P antibody [EPR22850-190] (ab255822)

All lanes : Anti-CD62P antibody [EPR22850-190] (ab255822) at 1/1000 dilution

Lane 1 : HUVEC (human umbilical vein endothelial cell) whole cell lysate

Lane 2 : HEK-293 (human embryonic kidney epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

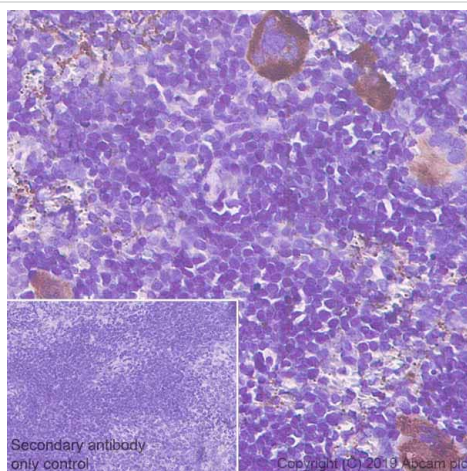
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/1000 dilution

Observed band size: 140,90 kDa

Blocking and Dilution Buffer and concentration: 5% NFDm/TBST. 140KDa and 90KDa respectively represent glycosylated form and non-glycosylated form. The expression profile/ molecular weight observed is consistent with what has been described in the literature (PMID: 24945938). Negative control: HEK-293 (PMID: 7693674).

Exposure time: 26 seconds

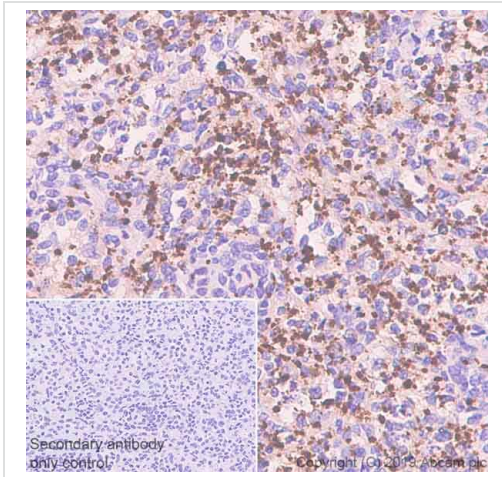


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD62P antibody [EPR22850-190] (ab255822)

Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue labeling CD62P with ab255822 at 1/100 dilution (5.89 µg/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining in megakaryocytes and platelets of mouse spleen (PMID: 2472431). The section was incubated with ab255822 for 15 mins at RT. The immunostaining was performed on a Leica Biosystems BOND&~153;RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**)

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

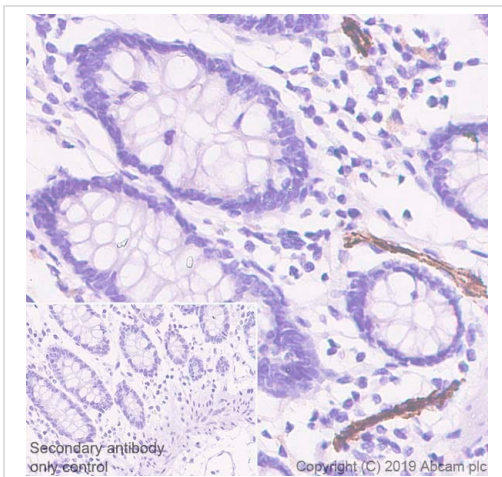


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD62P antibody [EPR22850-190] (ab255822)

Immunohistochemical analysis of paraffin-embedded Human spleen tissue labeling CD62P with ab255822 at 1/500 dilution (1.178 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining in platelets of human spleen (PMID: 2472431). The section was incubated with ab255822 for 15 mins at RT. The immunostaining was performed on a Leica Biosystems BOND[®]RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**)

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.







Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD62P antibody [EPR22850-190] (ab255822)

Immunohistochemical analysis of paraffin-embedded Human stomach tissue labeling CD62P with ab255822 at 1/500 dilution (1.178 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining in blood vessels of human stomach (PMID: 2472431). The section was incubated with ab255822 for 15 mins at RT. The immunostaining was performed on a Leica Biosystems BOND[®]RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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