CD62P

CONTACT INFORMATION: Immunology Unit. Faculty of Medicine and Medical Sciences, University of Barcelona

STATUS: Validated

TYPE: mouse anti human

CLONE NAME: P.SEL KO 2.3

PROTEIN: -

ANTIGEN USED: 300.19 transfected with human CD62P

FUSION PARTNER: Ns1

ISOTYPE: IgG1

SPECIES REACTIVITY: -

PREPARATION AND STORAGE: -

APP RECOMMENDED: IP, Flow cytometry

APP NO TESTED: IHQ-paraffin, IHQ-frozen, IF, WB

DESCRIPTION

P-selectin (CD62P) is an adhesion molecule expressed on the activated endothelium and activated platelets that is involved in the initial attachment of leukocytes to inflamed vascular endothelium.

P-selectin is constitutively present in alfa-granules of platelets and Weibel-Palade bodies of endothelial cells, and is mobilized to the cell surface after activation by thrombogenic and inflammatory mediators.

REFERENCES


APPLICATIONS

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<th>Expected MW</th>
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<td>Immunoprecipitation</td>
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<tr>
<td>P.SEL KO 2.3</td>
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Immunoprecipitation of P-selectin from human platelets with P-sel.KO.2.2 and P-sel.KO.2.3 mAbs.

Human activated and surface biotinylated platelets were lysed and immunoprecipitated with P-sel.KO.2.2 and P-sel.KO.2.3 mAbs. A mAb against CD84 was used as positive control, and an irrelevant mAb as negative control. Samples were run on a SDS-PAGE gel under reducing conditions and blotted onto PVDF membrane. Membrane was treated with HRP-avidin and the bands developed. Molecular weight markers (kDa) are indicated.
**Specificity of the P-sel.KO.2.3 mAb for P.Selectin by flow cytometry**

Representative histogram obtained after indirect immunofluorescence staining of untransfected 300.19 cells (dashed lines) and 300.19 cells transfected with human P-selectin c-DNA (solid lines) with P-sel.KO.2.3. Fluorescence intensity is shown on a 4-decade log scale.
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<td>ELISA</td>
<td>The P-Sel.KO.2.3 mAb, that reacts with human, mouse and rat Pselectin, was used as the capture antibody.</td>
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