

**CD142 (Phospho-S290) polyclonal antibody**

Catalog: BS64521

Host: Rabbit

Reactivity: Human,Rat

BackGround:

Hemostasis following tissue injury involves the deployment of essential plasma procoagulants (Prothrombin and Factors X, IX, V and VIII), which are involved in a blood coagulation cascade leading to the formation of insoluble Fibrin clots and the promotion of platelet aggregation. Coagulation Factor V (Factor V, FV, proaccelerin, labile factor) is a 2196 amino acid, single chain glycoprotein that is cleaved by Thrombin to yield an active, Ca²⁺-dependent dimer that is essential to the blood coagulation cascade. Together with catalytic Factor Xa and Ca²⁺ on the surface of platelets or endothelial cells, Factor Va coordinates into a Prothrombinase complex, which mediates proteolysis of Prothrombin into active Thrombin. Tissue factor (TF), also designated coagulation Factor III is a cell surface glycoprotein that enables cells to initiate blood coagulation cascades. It functions as a high-affinity receptor for coagulation Factor VII.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 45 kDa

Swiss-Prot:

P13726

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

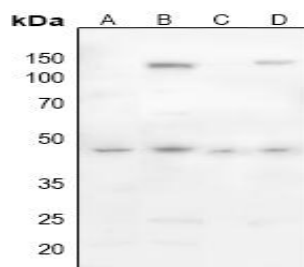
WB:1:500~1:1000 IHC:1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD142 (Phospho-S290) polyclonal antibody detects endogenous levels of CD142 protein only when phosphorylated at Ser290.

DATA:

Western blot (WB) analysis of CD142 (Phospho-S290) polyclonal antibody at 1:500 dilution

LaneA:The Brain tissue lysate of Mouse

LaneB:The Lung tissue lysate of Mouse

LaneC:The Liver tissue lysate of Mouse

LaneD:The Liver tissue lysate of Rat

Note:

For research use only, not for use in diagnostic procedure.

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