For research purposes only, not for human use

Product Data Sheet

Anti-CD142 (Phospho-S290) Antibody

Catalog #	Source	Reactivity	Applications
CPA3932	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to CD142 (Phospho-S290)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S290 of human CD142 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CD142 protein only when phosphorylated at S290.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	F3
Alternative Names	Tissue factor; TF; Coagulation factor III; Thromboplastin; CD142
Entrez Gene	2152 (Human)
SwissProt	P13726 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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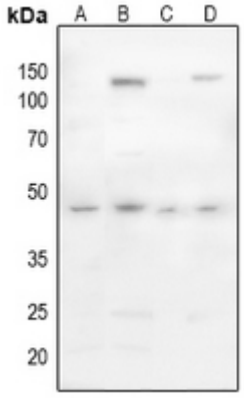
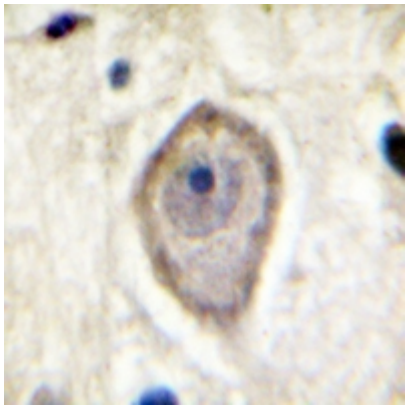


Western blot analysis of CD142 (Phospho-S290) expression in mouse brain (A), mouse lung (B), mouse liver (C), rat liver (D) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 45 kD)



Immunohistochemical analysis of CD142 (Phospho-S290) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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