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Product datasheet for AP08879PU-N

Fibrinogen Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC
Recommended Dilution:	ELISA (1:5000 - 1:50000) IF (1:200 - 1:400) IHC IHC-Fr IHC-P (5 µg/ml)
Reactivity:	Human, Mouse, Rat
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Human Fibrinogen purified from plasma.
Specificity:	Recognizes human fibrinogen, a complex ~340kD hetero-hexameric (di-trimeric) glycoprotein consisting of 3 pairs of alpha, beta and gamma chains linked by a series of 29 disulphide bonds. The six chains are arranged in such a way that all the N-Terminal ends adjoin to form a central with two trimeric coiled coil structures connecting to outer D domains. Fibrinogen plays an important role in the coagulation process with the D and E domains interacting via the C-Terminal ends of the alpha chains during fibrin clot cross-linking. Shows minimal cross-reactivity with related serum proteins. Fibrinogen has been identified as a ferritin binding protein in the horse. Has been successfully as a capture reagent for ferritin - anti ferritin IgG complexes in horse plasma to evaluate the antibody response to ferritin by ELISA.
Formulation:	Glycine buffered saline, <0.1% sodium azide, <0.01% Benzamidine, <1mM EDTA
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Short term: store at 4°C. Long term: aliquot and store at -20°C. Avoid freeze-thaw cycles.
Stability:	12 months from date of despatch

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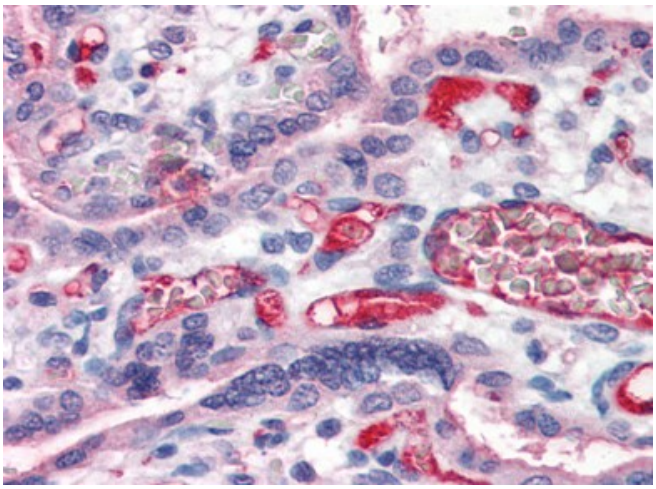
Background: Fibrinogen antibody AP08879PU-N is an unconjugated sheep polyclonal antibody to Fibrinogen from human. It is reactive with human, mouse and rat. Validated for ELISA, IF and IHC. Tested on 20 paraffin-embedded human tissues.

Note: Immunohistochemistry: LS-B2573 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2573 was determined to be 5 ug/ml.

Product images:



Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE) using anti-Fibrinogen antibody (Cat#AP08879PU-N)