Product no **IMS09-038-335**
**Fibrinogen, labelled with fluorescein**

**Product information**

**Immunogen**: Purified, full length native fibrinogen UniProt:Q9UE34

**Host**: Chicken

**Clonality**: Polyclonal

**Purity**: Immunogen affinity purified IgY in 0.15M sodium chloride, 0.02M sodium phosphate, 0.1% sodium azide. pH 7.2.

**Format**: Liquid

**Quantity**: 100 µl (0.2mg/ml)

**Storage**: Store at 4°C; make aliquots to avoid working with a stock. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Additional information**: The IgY fraction is isolated by a two-step PEG precipitation procedure followed by ammonium sulphate precipitation, labelled with fluorescein, Affinity purified on human fibrinogen agarose

**Application information**

**Recommended dilution**: 1: 10 (FC)

**Expected | apparent MW**: 24 kDa

**Confirmed reactivity**: Human, Porcine, Rat, Rabbit

**Predicted reactivity**: Bovine, Mouse

**Not reactive in**: No confirmed exceptions from predicted reactivity are currently known

**Additional information**: The antibodies have been shown to react with activated human, porcine, rat and rabbit platelets

**Selected references**


**Application example**

**Flow cytometry**: Suitable for detection of platelet activation by flow cytometry. Blood samples were collected in 5 mL sodium citrate tubes (367704, Becton Dickinson, Rutherford, NJ). Platelet-rich plasma was isolated by centrifugation at room temperature. 5 ul platelet-rich plasma was added to polystyrene tubes containing 100 ul HEPES-buffer (137 mmol/L NaCl, 2.7 mmol/L KCl, 1 mmol/L MgCl2, 5.6 mmol/L glucose, 1 g/L bovine serum albumin, and 20 mmol/L HEPES, pH 7.4) and 10 ul FITC labelled chicken antibody. The samples were incubated for 10 minutes at room temperature and were then diluted and fixed with 1000 ul ice-cold PBS (0.02 mol/L Na2HPO4, 0.15 mol/L NaCl, 0.02% NaN3, pH 7.2), containing 1 % p-formaldehyde. No washing steps were used. The samples were analyzed utilising an Epics Profile XL-MCL cytometer (Coulter Electronics, Hialeah, FL). Data processing from 5,000 platelets was carried out with the XL software (Coulter Electronics).