



## IgY Lab Systems AB

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### Product Specification Sheet

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<b>Description:</b>	ANTI HUMAN P-SELECTIN. Labelled with fluorescein.
<b>Product No.:</b>	09-143
<b>Lot No.:</b>	
<b>Antigen:</b>	Human P-selectin (recombinant)
<b>Host Animal:</b>	Chicken White Leghorn
<b>Titer:</b>	Suitable for detection of platelet activation by flow cytometry. The antibodies have been shown to react with activated human and porcine platelets.
<b>Form:</b>	Chicken IgY in 0.15M NaCl, 0.02M NaH <sub>2</sub> PO <sub>4</sub> , 0.1% NaN <sub>3</sub> , pH 7.2.
<b>Storage:</b>	+4 to +8° C
<b>Suggested use:</b>	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 µL platelet-rich plasma was added to polystyrene tubes containing 100 µL HEPES-buffer (137 mmol/L NaCl, 2.7 mmol/L KCl, 1 mmol/L MgCl <sub>2</sub> , 5.6 mmol/L glucose, 1 g/L bovine serum albumin, and 20 mmol/L HEPES, pH 7.4) and 10 µL FITC labelled chicken antibody. The samples were incubated for 10 minutes at room temperature and were then diluted and fixed with 1000 µL ice-cold PBS (0.02 mol/L Na <sub>2</sub> HPO <sub>4</sub> , 0.15 mol/L NaCl, 0.02% NaN <sub>3</sub> , 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).

Approved/Date \_\_\_\_\_

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