

### 30-2205: PE Conjugated Anti-IgG (Fab) Monoclonal Antibody (Clone:4A11)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	4A11
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	IGHG1
<b>Uniprot ID :</b>	P01857
<b>Alternative Name :</b>	IGHG1
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Purified human IgG.

#### Description

Immunoglobulin G (IgG) is a 150 kDa soluble protein that serves as a major effector molecule of the humoral immune response in man. Its concentration in blood plasma of healthy individuals is approximately 10 g/l, which accounts for about 75% of the total plasma immunoglobulins. IgG has the highest stability of blood immunoglobulins (T1/2 = 21 days) and is able of placental transfer. IgG is secreted by plasma cells at a comparably high rate as other immunoglobulins.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

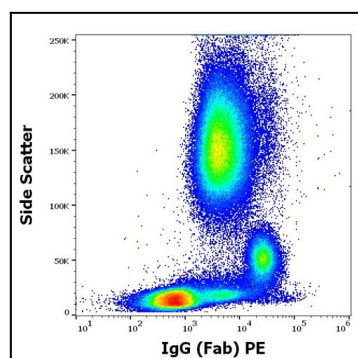


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human IgG (Fab) (A8B5) PE antibody (concentration in sample 9 µg/ml).

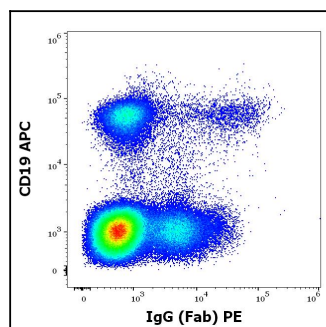


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human IgG (Fab) (A8B5) PE antibody (concentration in sample 9 µg/ml).

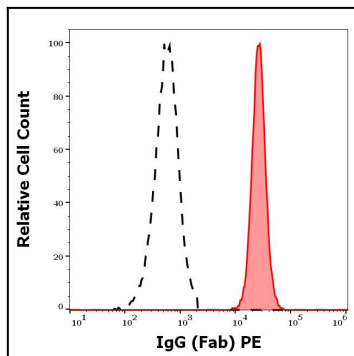


Figure 3: Separation of human IgG (Fab) positive monocytes (red-filled) from IgG (Fab) negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human IgG (Fab) (A8B5) PE antibody (concentration in sample 15 µg/ml).