9853 Pacific Heights Blvd.
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30-2205: PE Conjugated Anti-IgG (Fab) Monoclonal Antibody (Clone:4A11)

Clonality :	Monoclonal
Clone Name :	4A11
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	IGHG1
Uniprot ID :	P01857
Alternative Name :	IGHG1
Isotype :	Mouse IgG1 kappa
Immunogen Information :	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

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

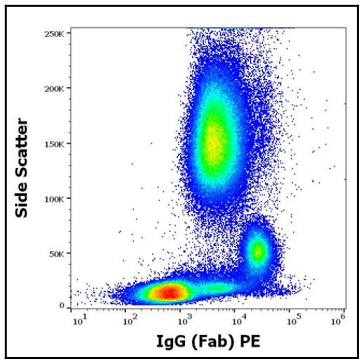


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human IgG (Fab) (A8B5) PE antibody (concentration in sample 9 µg/ml).

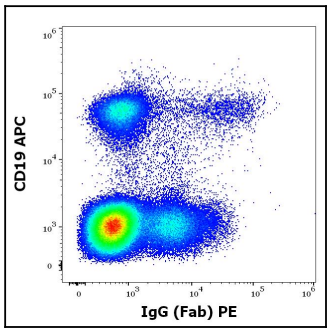


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human IgG (Fab) (A8B5) PE antibody (concentration in sample 9 µg/ml).

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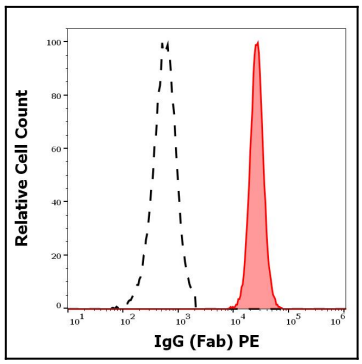


Figure 3: Separation of human IgG (Fab) positive monocytes (red-filled) from IgG (Fab) negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human IgG (Fab) (A8B5) PE antibody (concentration in sample 15 µg/ml).

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