9853 Pacific Heights Blvd.
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30-2206: PE Conjugated Anti-IgM Monoclonal Antibody (Clone:CH2)

Clonality :	Monoclonal
Clone Name :	CH2
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	IGHM
Uniprot ID :	P01871
Alternative Name :	Immunoglobulin heavy constant mu
Isotype :	Mouse IgG1
Immunogen Information :	Purified human IgM.

Description

Immunoglobulin M (IgM) is produced as a 900 kDa pentamer, which is an efficient complement binder. This antibody type is produced initially in the immune response and it is the first immunoglobulin class to be synthesized by a fetus or newborn. IgM antibodies do not cross the placenta. IgM concentration in blood is 0.12 g/l and its biological survival (plasma T1/2) is 5 days.

Product Info

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

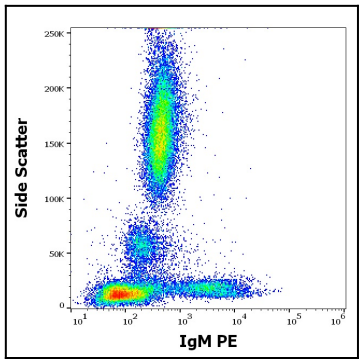


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human IgM (CH2) PE antibody (concentration in sample 1.67 µg/ml).

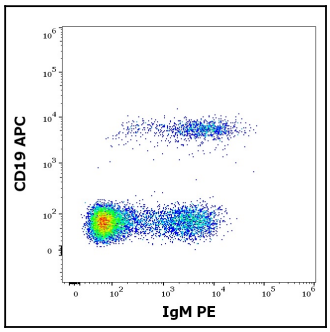


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human IgM (CH2) PE antibody (concentration in sample 1.67 µg/ml).

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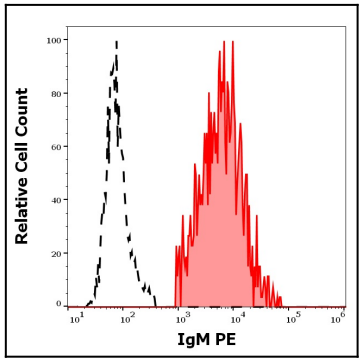


Figure 3: Separation of human IgM positive CD19 positive B cells (red-filled) from IgM negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human IgM (CH2) PE antibody (concentration in sample 1.67 µg/ml).

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