

### 30-2410: Peroxidase Conjugated Anti-IgG (Fc) Monoclonal Antibody (Clone:EM-07)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	EM-07
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	FCGRT
<b>Gene ID :</b>	2217
<b>Uniprot ID :</b>	P55899
<b>Alternative Name :</b>	FCGRT, FCRN
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Fusion protein of human IgG Fc fragment.

#### 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. <Br>

**Specificity:** The mouse monoclonal antibody EM-07 reacts with Fc part of human heavy chain of secreted IgG antibodies and with isolated Fc fragments. It does not react with IgG Fc domain in a complex of BCR (B cell antigen receptor).

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Content :</b>	Concentration: 0.2 mg/ml
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

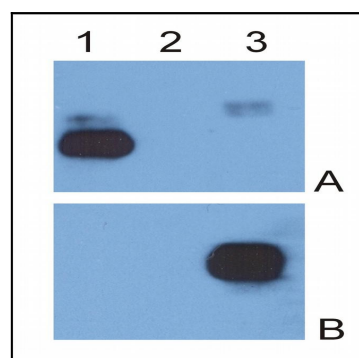


Figure 1: IgG kappa light chain (1), IgG lambda light chain (2) and IgG Fc fragment (3) purified from human serum were analysed by Western blotting with MEM-09 antibody against IgG kappa light chain (A) and EM-07 antibody against IgG Fc fragment (B).