

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-1374: Anti-IgG (Fc) Monoclonal Antibody (Clone:EM-07)

Clonality: Monoclonal Clone Name: EM-07

**Application:** WB, ICC, ELISA

Reactivity: Human

Gene: FCGRT

Gene ID: 2217

Uniprot ID: P55899

Format: Purified

Alternative Name: FCGRT, FCRN

Isotype: Mouse IgG1

Immunogen Information: 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.

## **Product Info**

Amount: 0.1 mg

**Purification:** Purified by protein-A affinity chromatography

**Storage condition :** Store at 2-8°C. Do not freeze.

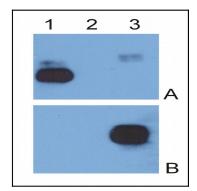


Figure 1: IgG kappa light chain (1), IgG lambda light chain (2) and IgG Fc fragment (3) purified from human serum were analysed by Western blotting with MEM-09 antibody against IgG kappa light chain (A) and EM-07 antibody against IgG Fc fragment (B).