

### 32-5723: Mouse Anti Human Adiponectin(Clone:P1G12AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P1G12AT.
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	ADIPOQ
<b>Gene ID :</b>	9370
<b>Uniprot ID :</b>	Q15848
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Acrp30,AdipoQ,GBP-28,APM-1,ACDC.
<b>Isotype :</b>	Mouse IgG1 heavy chain and k light chain.
<b>Immunogen Information :</b>	Anti-human adiponectin mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human adiponectin amino acids 15-244 purified from E. coli.

#### Description

Human Adiponectin is a secreted protein expressed exclusively in differentiated adipocyte (adipokine). Adiponectin contains a modular structure comprising an N-terminal collagenous domain followed by a C-terminal globular domain. APM-1 plays a role in various physiological processes such as energy homeostasis and obesity. Plasma levels of adiponectin are reduced in obese humans, and decreased levels are associated with insulin resistance and hyperinsulinemia.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Adiponectin antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	containing PBS, pH-7.4, & 0.1% Sodium Azide
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

Adiponectin antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Recommended dilution range for Western blot analysis is 1:250 ~ 1:1,000. The antibody has the specificity against globular domain of adiponectin. Recommended starting dilution is 1:500.