Recombinant DGRmAb®

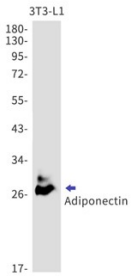
Adiponectin (DGR16577) Rabbit mAb

db14029 **Package : 10μL 20μL 50μL 100μL**

Product Name : Adiponectin (DGR16577) Rabbit mAb
Cat.No.: db14029
Synonyms : Ad; APN; Acdc; apM1; 30kDa; GBP28; adipo; Acrp30
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Mouse,Rat
Host species : Rabbit

Background	Important adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects. Inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway. May play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors with distinct binding affinities, depending on the type of complex, LMW, MMW or HMW.
Immunogen	Recombinant protein of mouse Adiponectin
Gene ID	11450
Swiss Prot	Q60994
Synonyms	Ad; APN; Acdc; apM1; 30kDa; GBP28; adipo; Acrp30
Reactivity	Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000 IHC-P: 1:500-1:2000 ICC/IF: 1:500-1:1000 FC: 1:20-1:50
Calculated MW	26 kDa
Observed MW	30 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR16577
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Adiponectin in 3T3-L1 cell lysates using Adiponectin antibody(1:1000 diluted).

Western blot analysis of extracts from Rat spleen tissue using db14029 at 1:1000.