

## Anti-Human Adiponectin Antibody

Adiponectin, also referred to as Acrp30, AdipoQ and GBP28 is a protein secreted from adipocyte. Adiponectin is present as three different oligomeric complexes, including the high molecular weight (HMW), the middle molecular weight (MMW) and the low molecular weight (LMW) forms. Adiponectin plays a role in physiological processes such as energy homeostasis, inflammation, and obesity.

These products are manufactured by immunization of recombinant human adiponectin (CHO expressed).

Monoclonal antibodies, 8A1 and 8B3 have different epitopes respectively. In western blot analysis 8A1 detects all forms of human adiponectin, while 8B3 detects HMW, MMW and LMW like human serum.

Polyclonal antibody detects all forms of human and mouse adiponectin.

Item	Catalog number	Packing size
Anti-Human Adiponectin mAb (8A1)	47022000	500 µg
Anti-Human Adiponectin mAb (8B3)	47021000	500 µg
Anti-Human Adiponectin IgG	47023000	500 µg

\* For bulk inquiry, please contact us below.

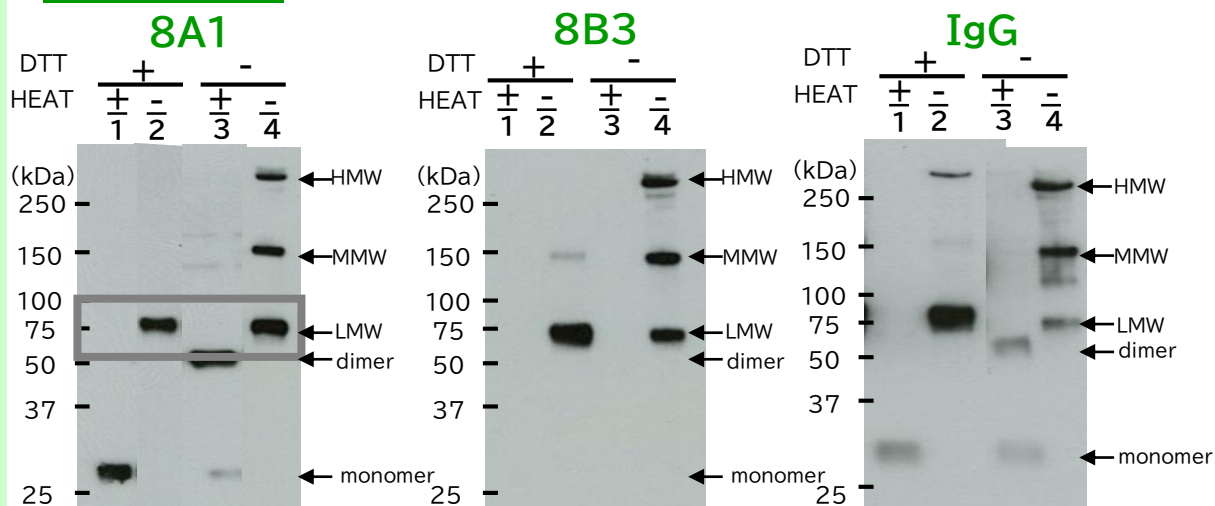
\* For research purposes only. Not for therapeutic or diagnostic use.

### Specifications

Product	Anti-Human Adiponectin mAb	Anti-Human Adiponectin mAb	Anti-Human Adiponectin IgG
Clone	8A1	8B3	-
Host	Mouse	Mouse	Rabbit
Immunogen	Recombinant Human Adiponectin (476200000)	Recombinant Human Adiponectin (476200000)	Recombinant Human Adiponectin (476200000)
Subclass	IgG1 $\kappa$	IgG1 $\kappa$	-
Applications	ELISA WB	ELISA WB	ELISA WB
Storage Buffer	PBS (NaN <sub>3</sub> 0.05%)	PBS (NaN <sub>3</sub> 0.05%)	PBS (NaN <sub>3</sub> 0.05%)
Storage	below -20°C	below -20°C	below -20°C
Concentration	1 mg/mL	1 mg/mL	1 mg/mL
Purify	>95% (SDS-PAGE)	>95% (SDS-PAGE)	>95% (SDS-PAGE)
Size	500 µg	500 µg	500 µg

# Support For Metabolic Syndrome Research OYC research reagents

## Western Blot



Lane1~4:culture supernatant containing recombinant human adiponectin

## Related Products

Item	Catalog number	Packing size
Recombinant Human Adiponectin	47620000	100 µg
Recombinant Mouse Adiponectin	47024000	100 µg
Anti-Mouse Adiponectin mAb (1F6)	47046000	500 µg
Anti-Mouse Adiponectin IgG	47047000	100 µg

\* Avoid repeated freezing and thawing cycles.

## References

1. Maeda, K., *et al.* (1996): *Biochem, Biophys. Res. Commun.* 221: 286.
2. Nakano, Y., *et al.* (2006): *J. Lipid Res.* 47: 1572.
3. Yamauchi, T., *et al.* (2007): *Nat. Med.* 13: 332.
4. Ayanthi, A., *et al.* (2006): *Mol. Endocrinol.* 20(7): 1673.

Please contact the one that best suits your need.

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202310