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ANTI-HUMAN ADIPONECTIN MONOCLONAL ANTIBODY

Product Information

Code	A00010-01-100
Name	Human Adiponectin Mab
Clone No.	2H1G12
Lot No.	
Size	100 µg
Species	Human
Host	mouse
Immunogen	Adiponectin, full length form (H), rec.
Ab Type	IgG
Purification	Protein A
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 100 µl
Application	IHC WB ELISA

PREPARATION

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, *E. coli*-derived, recombinant human adiponectin length form. The IgG fraction of mice ascites fluid was purified by Protein A affinity chromatography.

FORMULATION

Lyophilized 100 µg of IgG in phosphate-buffered saline (PBS).

RECONSTITUTION

Reconstitute with sterile PBS. If 100 µl of PBS is used, the antibody concentration will be 100 µg/mL.

STORAGE

This antibody can also be aliquotted (by 10 µl per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

SPECIFICITY

This antibody has been selected for its ability to recognize human adiponectin on indirect ELISAs and western blots as well as immunohistochemistry.

APPLICATIONS

Indirect ELISA - This antibody can be used at 1: 8000 (0.125 µg/ml) with the appropriate secondary reagents to detect recombinant human adiponectin /Acrp30.

Western blot - This antibody can be used at 1: 500 [2 µg/mL] with the appropriate secondary reagents to detect rh adiponectin. The detection limit for rh adiponectin /Acrp30 approximately 10 ng/lane under reducing conditions.

Immunohistochemistry-That Antibody can be used at 2.5-5 µg/ml with the appropriate secondary antibody to detect adiponectin in the paraffin embedded human visceral adipose and stomach tissues (ABC).

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