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Anti Human CTRP1 (C1QTNF1) Monoclonal Antibody

Product Information

Code	A00083-09-100
Name	Human CTRP1 Mab
Clone No.	1D1C3
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human gCTRP1, rec.
Ab Type	IgG
Purification	Protein G
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ~-70 ° C
Specificity	Human
Reconstitution	100 µl
Application	ELISA, WB

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 recombinant human CTRP1, globular form. That antibody was purified by Protein G affinity.

Formulation

100 µg of the purified Anti CTRP1 (Human) Monoclonal Antibody in 100 ul of PBS lyophilized form. Carry Free.

Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare antibody stocking solution (1000µg/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted 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 CTRP1 globular form on indirect ELISA. But it does not show any cross-reactivity with human gCTRP3, gCTRP9, gCTRP4 and gCTRP6.

Applications

Indirect ELISA - This antibody can be used at 0.0625 ~ 0.125µg/mL to detect human gCTRP1 on indirectly ELISA.

ELISA Assay - This antibody can be used as a capture antibody in a human CTRP1 sandwich immunoassay in combination with the human CTRP1 detection antibody (Code No.: A00083-02-50B) and recombinant human CTRP1 (Code No.: 00083-01-100) as the standard. The suggested concentration range for this capture antibody is 2-8 µg/mL and should be titrated to determine the optimal concentration.

Western Blot - This antibody can be used as a primary antibody at 2 ~4 µg/mL to detect the lysates of HEK293 cells transfected with human CTRP1 cDNA and rat adipose tissue homogenates under reduce condition.

Optimal dilutions should be determined by each laboratory for each application.

AVISCERA BIOSCIENCE INC.
2348 Walsh Ave. Suite C
Santa Clara, CA 95051
USA
Tel: (408) 982 0300
Fax: (408) 982 0301
Email:
Sales@AvisceraBioscience.com
www.AvisceraBioscience.com
www.AvisceraBioscience.net

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