



## Anti Human CTRP1 (C1QTNF1) Monoclonal Antibody

### Product Information

Code	A00083-08-100
Name	Human CTRP1 Mab
Clone No.	1D11E2
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

### 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.

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

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