



## Anti Human CTRP1 (Complement C1q Tumor necrosis factor-Related Protein 1) Monoclonal Antibody

### Product Information

Code	A00083-05-100
Name	Human CTRP1 Mab
Clone No.	2A10D4
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human gCTRP1, rec.
Ab Type	IgG
Purification	sequential precipitation
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	N/A
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, E. coli-derived, recombinant human CTRP1, globular form, His Tag on N-Terminal. That antibody was purified by sequential precipitation caprylic acid and ammonium sulphate.

### Formulation

100 µg of mouse IgG in 100 ul of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a antibody stocking solution (100ug/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted ( by 10 uL 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 in indirect ELISAs. But it does not show any crossreactivity with human gCTRP3, gCTRP9, gCTRP4 and gCTRP6.

### Applications

**Indirect ELISA** - This antibody can be used at 1:512000 to detect human gCTRP1 on indirectly ELISA.

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

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