



# AVISCERA BIOSCIENCE

## Anti Human Regenerating Islet-Derived Protein 1- $\alpha$ (REG-1 $\alpha$ ) Monoclonal Antibody

### Product Information

Code	A00360-08-100
Name	Anti Human REG-1 $\alpha$ Monoclonal Antibody
Clone No.	2C4C11A8
Lot No.	
Size	100 $\mu$ g
Species	Human
Host	Mouse
Immunogen	Human REG-1 $\alpha$
Ab Type	IgG
Purification	Protein G
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	100 $\mu$ l
Application	ELISA

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### 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 REG-1 $\alpha$ . That antibody was purified by Protein G affinity.

### Formulation

100  $\mu$ g of Mouse anti human REG-1 $\alpha$  Monoclonal Antibody in 100  $\mu$ l of PBS lyophilized form.

### Reconstitution and Storage

Add 100  $\mu$ l deionized water to the vial to prepare a antibody stocking solution (100 $\mu$ g/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted ( by 10  $\mu$ l per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for 12 months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize recombinant Human REG-1 $\alpha$  on indirect ELISAs.

### Applications

**Indirect ELISA** - This antibody can be used at 1:10000 (0.1  $\mu$ g/ml) to detect human REG-1 $\alpha$  on indirectly ELISA.

**Immunohistochemistry**-That Antibody can be used at 1: 250-500 (2~4  $\mu$ g /mL) with the appropriate secondary antibody to detect REG-1 $\alpha$  in the paraffin embedded human pancreas tissues (ABC).

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

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.