



## Anti Human Interleukin 33 (IL-33) Monoclonal Antibody

### Product Information

Code	A00277-15-100
Name	Anti IL-33 (H) MAB
Clone No.	7E4B7G4
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human IL-33, rec.
Ab Type	IgG
Purification	Protein G PBS
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	100 µl
Application	ELISA

### Preparation

This antibody was produced from an hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, E. coli-derived, recombinant human IL-33. That antibody was purified by Protein G affinity.

### Formulation

100 µg of Anti IL-33 (Human) Monoclonal Antibody in 100 µl of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a 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 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 IL-33 on indirect ELISA and ELISA.

### Applications

**Indirect ELISA- Indirect ELISA** - This antibody can be used at 1: 20000~40000 (0.025 ~ 0.05 µg /mL) with the appropriate secondary reagents to detect recombinant human IL-33 on indirect ELISA.

**ELISA Assay** - This antibody can be used as a capture antibody in a human IL-33 sandwich immunoassay in combination with the Rabbit Anti human IL-33 detection antibody (Code No.: A00277-01-100) and recombinant human IL-33 (Code No.: 00277-01-100) as the standard. The suggested concentration range for this capture antibody is 0.5-1 µg/mL in PBS.

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

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