

Anti-IL-33 Antibody [Clone 7E8]

Catalog Number LDG0033YA

Package 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Interleukin-33 (IL-33), a member of the IL-1 family, is a nuclear alarmin cytokine expressed by various cell types. Unlike most other cytokines, IL-33 lacks a secretory signal peptide, and thus it is passively released during cell damage or tissue injury. IL-33 plays a crucial role in type-2 innate immunity through interaction with the ST2 receptor.

Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

WB: 1:1000-5000

IFA: 1:400-1000

FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Host

Mouse

Isotype

IgG2a

Immunogen

Interleukin 33

Clonality

Monoclonal

Clone Name

clone 7E8

Reactivity

Human

Application

ELISA, WB, IFA, FACS

Concentration

1 mg/mL

Specificity

Interleukin 33

Conjugation

Unconjugated

Storage Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Form

Liquid

Instruction**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage




This product is stable after storage at:

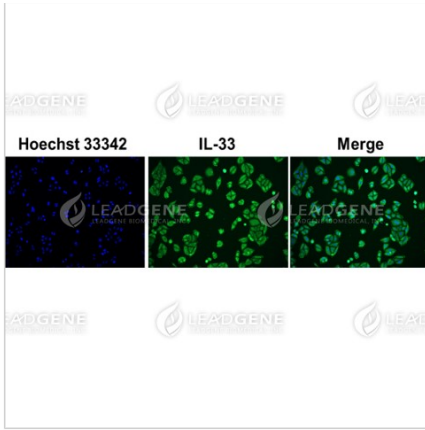
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

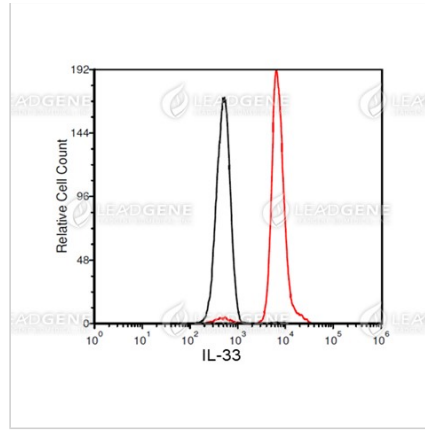
Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

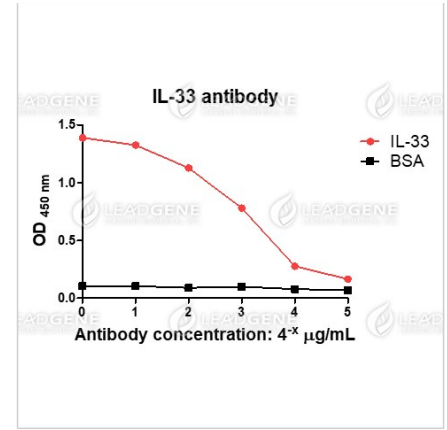
Image**Tainan Headquarter** +886-6-2536677 bd@leadgene.com.tw**Innovation & Research Center** +886-2-27065528**CLD Center** +886-6-2536677



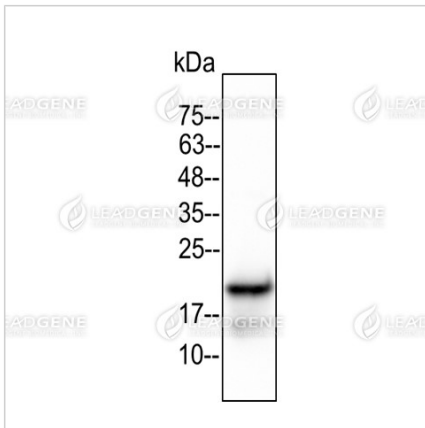
Immunofluorescence analysis of Anti-IL-33 Antibody [Clone 7E8] HeLa cells were fixed in 4% PFA, permeabilized with PBS containing 0.1% Triton X-100. Cells were stained with mouse anti-IL-33 monoclonal antibody (1:400) followed by secondary antibodies (goat anti-Mouse IgG-iFluor 488, 1:400, green) and cell nuclei were stained with Hoechst 33342 (Blue).



FACS analysis of Anti-IL-33 Antibody [Clone 7E8] HeLa cells were stained with mouse anti-IL-33 monoclonal antibody at 1 $\mu\text{g}/\text{mL}$ (red) and without antibody control (black).



ELISA titration of Anti-IL-33 Antibody [Clone 7E8] Titration curve of anti-IL-33 antibody in ELISA. Red: IL-33; Black: BSA (negative control).



Western blotting analysis of Anti-IL-33 Antibody [Clone 7E8] Recombinant IL-33 protein (50 ng) was stained with mouse anti-IL-33 monoclonal antibody at 1:5000 dilution.

Disclaimer : For Research Use or Further Manufacturing Only.

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