

Product Information

Recombinant Anti-Human il33 Antibody

Cat. No.: **MOM-18400**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human IL33, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Cytokine that binds to and signals through IL1RL1/ST2 and its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Induces T-helper type 2-associated cytokines.

Specific Activity

Tested positive against native antigen.

Target

IL33

Immunogen

Recombinant fragment, corresponding to amino acids 112-270 of Human IL33

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in Neut, ELISA, IF, IP, FuncS, FC, ICC and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[IL33 interleukin 33 \[Homo sapiens \]](#)

Official Symbol

IL33

Synonyms

IL33; interleukin 33; C9orf26, chromosome 9 open reading frame 26 (NF HEV); interleukin-33; DKFZp586H0523; DVS27; DVS27 related protein; IL1F11; interleukin 1 family; member 11; NF HEV; nuclear factor for high endothelial venules; IL-33; IL-1F11; DVS27-related protein; interleukin-1 family member 11; nuclear factor from high endothelial venules; NF-HEV; NFEHEV; C9orf26; RP11-575C20.2

Gene ID

[90865](#)

mRNA Refseq

[NM_001199640](#)

Protein Refseq

[NP_001186569](#)

MIM

[608678](#)

UniProt ID

O95760

Chromosome Location

9p24.1

Pathway

Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;

Function

cytokine activity; protein binding;