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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL-33 [W3759-cAb1] Bulk Size Ab03651-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG4 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: W3759-cAb1

Alternative Name(s) of Target: Interleukin-33; C9orf26; IL1F11; NFHEV; Interleukin-1 family member 11; IL-1F11; Nuclear factor from high endothelial venules; NF-HEV; W3759-cAb1-sz10-p1-xIgG4K.SP

UniProt Accession Number of Target Protein: O95760

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by using human IL-33 as an immunogen.

Specificity: This antibody binds an epitope between amino acid residues Ser112-Thr270 of the human IL-33. Interleukin 33 (IL-33). Interleukin 33 (IL-33) is a multifunctional cytokine which is constitutively expressed in structural cells such as smooth muscle cells, fibroblasts, mast cells, dendritic cells, macrophages, osteoblasts, epithelial cells, and endothelial cells. It is involved in the maturation of Th2 cells inducing the secretion of T-helper type 2-associated cytokines like IL-4, IL-5 and IL-13. It is also involved in activation of mast cells, basophils, eosinophils and natural killer cells. A study found that IL-33 is a bifunctional protein. On the one hand, IL-33 is localized in the nucleus and acts as a transcription factor; on the other hand, IL-33 is secreted outside the cell and acts as a cytokine by interacting with its receptor ST2.

Application Notes: This antibody binds human IL-33 with a high binding affinity of 0.776 pM. The binding characterization of this antibody was done using ELISA and SPR (CN111620948).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In:

PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.