

## Tozorakimab

Cat. No.:	HY-P99550
CAS No.:	2376858-66-9
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Tozorakimab (MEDI-3506) is a human immunoglobulin G1 monoclonal antibody targeting interleukin-33. Tozorakimab reduces inflammation and epithelial dysfunction. Tozorakimab can be used to research chronic obstructive pulmonary disease <sup>[1]</sup> .
<b>In Vivo</b>	Tozorakimab (0.1-10 mg/kg, i.p., once time) inhibits IL-5 levels in bronchoalveolar lavage fluid of humanized IL-33 genetically modified mice in dose-dependent manner <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Reid F, et al. Safety, pharmacokinetics and immunogenicity of the anti-interleukin-33 antibody, tozorakimab: results of a phase 1 study in healthy adults and patients with chronic obstructive pulmonary disease. American Thoracic Society. 2022: A2398-A2398.

[2]. England E, et al. Tozorakimab (MEDI3506): an anti-IL-33 antibody that inhibits IL-33 signalling via ST2 and RAGE/EGFR to reduce inflammation and epithelial dysfunction. Sci Rep. 2023 Jun 17;13(1):9825.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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