

Fletikumab

Cat. No.:	HY-P99198
CAS No.:	1357158-22-5
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Fletikumab (NNC0109-0012) is a monoclonal antibody targeting to IL-20. Fletikumab can be used for inflammation research, such as rheumatoid arthritis ^[1] .
IC ₅₀ & Target	IL-20 ^[1]
In Vitro	Fletikumab blocks IL-20 binding IL-20 receptor, acts potential function of inflammation inhibition ^[1] . IL-20 is a member of IL-10 family, which includes IL-10, IL-19, IL-22, IL-24, IL-26, IL-28, and IL-29. IL-20 acts on renal cells and contributes to inflammation, fibrosis, and apoptosis through its receptors IL-20R1, IL-20R2, and IL-22R1 ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kragstrup TW, et al. The IL-20 Cytokine Family in Rheumatoid Arthritis and Spondyloarthritis. *Front Immunol.* 2018 Sep 25;9:2226.

[2]. Tian-Yu Lin, et al. IL-20 in Acute Kidney Injury: Role in Pathogenesis and Potential as a Therapeutic Target. *Int. J. Mol. Sci.* 2020, 21(3), 1009.

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

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