

## CC-90002

Cat. No.:	HY-P99172
CAS No.:	2085844-54-6
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>	CC-90002 is a humanized anti-CD47 monoclonal antibody (mAb). CC-90002 has a high affinity for binding to CD47 with a subnanomolar $K_d$ value. CC-90002 can be used for the research of hematologic malignancies and solid tumors <sup>[1][2]</sup> .
<b>In Vitro</b>	CC-90002 has a high affinity for binding to CD47 with a subnanomolar dissociation constant ( $K_d$ ) value <sup>[1]</sup> . CC-90002 can block the CD47-SIRPa interaction with $IC_{50}$ value in the subnanomolar range <sup>[1]</sup> . CC-90002 has inhibitory effect in concentration-dependent in the ALL and AML cell lines <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	CC-90002 shows significant dose-dependent antitumor activity and significant tumor regression in tumor xenografts models <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Rama Krishna Narla, et al. The humanized anti-CD47 monoclonal antibody, CC-90002, has antitumor activity in vitro and in vivo.

[2]. Zhongxing Jiang, et al. Targeting CD47 for cancer immunotherapy. J Hematol Oncol. 2021 Oct 30;14(1):180.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA