

## Izeltabart

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Cat. No.:	HY-P990027
CAS No.:	2642078-60-0
Target:	ADC Antibody
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Izeltabart is a high-affinity humanized antibody targeting ADAM9. Izeltabart can be used as ADC Antibody for site-specific conjugation with Maytansinoid-based DM21-C (a Drug-Linker Conjugates for ADC), to synthesize IMGC936 (Antibody-Drug Conjugates (ADCs)) with strong anti-cancer activity. DM21-C is composed of Maytansinoid (microtubule inhibitor) and a stable tripeptide linker. IMGC936 exhibits cytotoxicity against ADAM9-positive human tumor cell lines and potent antitumor activity in xenograft tumor models<sup>[1]</sup>.

### REFERENCES

[1]. Juniper A Scribner, et al. Preclinical Evaluation of IMGC936, a Next-Generation Maytansinoid-based Antibody-drug Conjugate Targeting ADAM9-expressing Tumors. Mol Cancer Ther. 2022 Jul 5;21(7):1047-1059.

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

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