

## Landogrozumab

Cat. No.:	HY-P99370
CAS No.:	1391726-30-9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Landogrozumab (LY2495655) is an humanized anti-myostatin monoclonal antibody. Landogrozumab effectively improves muscle volume, hand grip strength and function. Landogrozumab can be used for the research of muscle wasting disease <sup>[1]</sup> .								
<b>In Vivo</b>	<p>Landogrozumab (3 and 15 mg/kg; i.v. once) affects muscle mass of aged mice with duchenne muscular dystrophy<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Animal Model:</td> <td>Duchenne muscular dystrophy (DMD) C57BL/10-mdx mouse model<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>3 and 50 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Intravenous injection; 3 and 50 mg/kg once</td> </tr> <tr> <td>Result:</td> <td>Increasesd muscle mass of aged mice at a dose of 50 mg/kg while 3 mg/kg showed no significant effects.</td> </tr> </table>	Animal Model:	Duchenne muscular dystrophy (DMD) C57BL/10-mdx mouse model <sup>[1]</sup>	Dosage:	3 and 50 mg/kg	Administration:	Intravenous injection; 3 and 50 mg/kg once	Result:	Increasesd muscle mass of aged mice at a dose of 50 mg/kg while 3 mg/kg showed no significant effects.
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### REFERENCES

[1]. Muramatsu H, et al. Novel myostatin-specific antibody enhances muscle strength in muscle disease models. Sci Rep. 2021 Jan 25;11(1):2160.

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

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