

Pexelizumab

Cat. No.:	HY-P99886
CAS No.:	219685-93-5
Target:	Complement System; Apoptosis
Pathway:	Immunology/Inflammation; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Pexelizumab (h5G1. 1-SC) is a humanized scFv monoclonal antibody directed against the C5 complement component. Pexelizumab inhibits apoptosis and leukocyte infiltration. Pexelizumab can be used for the research of cerebral IR injury and myocardial infarction ^{[1][2]} .
In Vitro	Pexelizumab (h5G1. 1-SC) inhibits 5G1.1 mAb binding with an IC ₅₀ of 1.5 nM ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. APEX AMI Investigators, et al. Pexelizumab for acute ST-elevation myocardial infarction in patients undergoing primary percutaneous coronary intervention: a randomized controlled trial. JAMA. 2007 Jan 3;297(1):43-51.

[2]. Thomas TC, et al. Inhibition of complement activity by humanized anti-C5 antibody and single-chain Fv. Mol Immunol. 1996 Dec;33(17-18):1389-401.

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

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