

## FG-3019

Cat. No.:	HY-P99288
CAS No.:	946415-13-0
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	FG-3019 (Pamrevlumab) is a recombinant human antibody that binds to connective tissue growth factor (CTGF). FG-3019 can be used for the research of idiopathic pulmonary fibrosis (IPF) <sup>[1][2]</sup> .
<b>In Vivo</b>	FG-3019 (30 mg/kg; i.p. every 3 d for 9 d) in combination with Gemcitabine acutely decreases mouse pancreatic ductal adenocarcinoma (PDA) growth and induces neoplastic cell apoptosis in LSL-Kras <sup>G12D/+</sup> ;LSL-Trp53 <sup>R172H/+</sup> ;Pdx-1-Cre (KPC) mice <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Sgalla G, et, al. Pamrevlumab for the treatment of idiopathic pulmonary fibrosis. *Expert Opin Investig Drugs*. 2020 Aug;29(8):771-777.

[2]. Neesse A, et, al. CTGF antagonism with mAb FG-3019 enhances chemotherapy response without increasing drug delivery in murine ductal pancreas cancer. *Proc Natl Acad Sci U S A*. 2013 Jul 23;110(30):12325-30.

**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