

Ascrinvacumab ELISA Kit

Catalogue No.: abx395115

Ascrinvacumab ELISA Kit is a quantitative ELISA kit for detection of Ascrinvacumab.

Ascrinvacumab, also known as PF-03446962 or anti-hALK1 antibody, is a human immunoglobulin G (IgG) 2 monoclonal antibody which can be used as therapeutic antibody drug for the treatment of many tumors. It has been found that the clinical trials of ascrinvacumab has been developed in cancers including advanced solid tumors, urothelial cell carcinoma, hepatocellular carcinoma, and mesothelioma. Ascrinvacumab can binding to ACVRL1 by recognizing the extracellular domain of ACVRL1. ACVRL1, also called activin receptor-like kinase 1 (ALK1), is a transforming growth factor β (TGF- β) type I receptor. Ascrinvacumab is a fully human monoclonal antibody generated by immunizing the IgG 2 transgenic XenoMouse. In a human/mouse chimera tumor model, ascrinvacumab decreased human vessel density and improved antitumor efficacy when combined with bevacizumab (anti-VEGF). It suggests that ascrinvacumab therapy may be complementary to anti-VEGF in cancer intervention. As early as 2012, researchers had investigated the effects of ascrinvacumab on endothelial cell function. And the results showed that ascrinvacumab do interferes with the endothelial cell sprouting induced by Bone Morphogenetic Protein 9 (BMP9). A phase 2 trial study of ascrinvacumab in pre-treated patients with urothelial cancer had been reported in 2014. In addition, its treatment results of advanced solid tumors, hepatocellular carcinoma, and advanced malignant pleural mesothelioma also had been reported in 2016. In addition to advanced malignant pleural mesothelioma, ascrinvacumab shows the value of continuing treatment evaluation in the other two diseases.

Target: Ascrinvacumab

Research Area: Biosimilars

Reactivity: Human

Tested Applications: ELISA

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Storage: Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 6 months.

Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.

Test Range: 31.25 ng/ml - 2000 ng/ml

Sensitivity: 17.7 ng/ml

Standard Form: Lyophilized

Detection Method: Colorimetric

Datasheet

Version: 2.0.0

Revision date: 29 Jun 2025



Assay Type: Sandwich

Assay Data: Quantitative

Sample Type: Serum and plasma.

CAS Number: 1463459-96-2

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

The range and sensitivity is subject to change. Please contact us for the latest product information. For accurate results, sample concentrations must be diluted to mid-range of the kit. If you require a specific range, please contact us in advance or write your request in your order comments. Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

For Reference Only