Anti-ACVR2B, AlpHcAbs® Human antibody

Summary

Code	300-525-001
Immunogen	Recombinant human ACVR2B
Host	Alpaca pacous
Isotype	Human IgG1
Conjugate	Unconjugated
Specificity	Human ACVR2B

Purity	Recombinant Expression and Affinity purified
Concentration	1mg/ml
Formation	Liquid, 10mM PBS (pH 7.5), 0.05% sucrose, 0.1% trehalose, 0.01% proclin300, 50% Glycerol
Storage	Store at –20 °C, (Avoid freeze / thaw cycles)

Description

Anti-ACVR2B, AlpHcAbs® Human antibody is designed for detecting human ACVR2B specifically. Based on ELISA and/or FCM, Anti-ACVR2B, AlpHcAbs® Human antibody reacts with human ACVR2B specifically.

Background

Activin, a disulfide-linked homodimeric protein is secreted by Sertoli cells in the testis and granulosa cells in the ovary. Activins and inhibins are members of the TGF-beta superfamily due to amino acid homology with respect to the conservation of 7 of the 9 cysteine residues common to all TGF-beta forms. To date, seven type I and five type II activin receptors have been cloned from mammals, including activin receptor IA, activin receptor IIA, activin receptor IB, and activin receptor IIB. In addition, two splice variants of activin receptor IIA and five splice variants of activin receptor IIB have been reported.

Benefits

High lot-to-lot consistency
Increased sensitivity and higher affinity
Animal-free production

Application notes

ELISA	1:4,000-1:10000
Flow Cytometry	1:200-1:1000

Dilution factors are presented in the form of a range because the optimal dilution is a function of many factors, such as antigen density, permeability, etc. The actual dilution used must be determined empirically.