



# Anti-GREM1, AlpHcAbs<sup>®</sup> Human antibody

## Summary

Code	300-632-001
Immunogen	Recombinant human GREM1
Host	Alpaca pacous
Isotype	Human IgG1
Conjugate	Unconjugated
Specificity	Human GREM1
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-GREM1, AlpHcAbs<sup>®</sup> Human antibody is designed for detecting human GREM1 specifically. Based on ELISA and/or FCM, Anti-GREM1, AlpHcAbs<sup>®</sup> Human antibody reacts with human GREM1 specifically.

## Background

In Xenopus, Gremlin belongs to a novel gene family that act as BMP antagonists in embryonic explants. The human homolog of Drm/Gremlin (CKTFS1B1) is localized on human chromosome 15q13--> q15. DRM-specific mRNA is expressed in different human tissues, including brain, ovary, intestine and colon. It has been suggested that down-regulation of DRM is associated with tumor progression, and support the hypothesis that human DRM may play an important role during both neuroembryological development and carcinogenesis.

## Benefits

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

## Suggested Working Concentration

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.

This product is for research use only and is not approved for use in humans or in clinical