

Anti-CLEC12A, AlpHcAbs® Human antibody

Summary

Cat.No	300-582-001
Immunogen	Recombinant human CLEC12A
Host	Alpaca pacous
Isotype	Human IgG1
Conjugate	Unconjugated
Specificity	Human CLEC12A
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-CLEC12A, AlpHcAbs® Human antibody is designed for detecting human CLEC12A specifically. Based on ELISA and/or FCM, Anti-CLEC12A, AlpHcAbs® Human antibody reacts with human CLEC12A specifically.

Background

CD371 is also known as Clec12A or Myeloid Inhibitory C-type Lectin-like receptor (MIEL). CD371 is a highly glycosylated transmembrane receptor with a cytoplasmic ITIM that associates with SHP1 and SHP2. CD371 is expressed mainly on granulocytes, monocytes, macrophages, and dendritic cells, including plasmacytoid dendritic cells. Expression of CD371 on NK cells remains controversial. Although the function of CD371 is not fully understood, studies suggest that this receptor plays a role in inflammation and LPS activation.

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.

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