

Anti-Mouse IgG kappa, AlpSdAbs[®] VHH(APC)

Code	001-106-011
Immunogen	Fab region of Mouse IgG
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c
Conjugate	APC(Ex: 651nm, Em: 662nm)
Specificity	Mouse IgG kappa chain
Cross-Reactivity	No cross-reactivity with rabbit, human, cynomolgus, rat, goat IgG
Purity	Recombinant Expression and Affinity purified
Concentration	0.1mg/mL
Formation	Liquid, 10mM PBS (pH 7.5), 0.05% sucrose, 0.1% trehalose, 0.01% proclin300
Storage	Store at 2-8 °C, Protect from light.

Description

Anti-Mouse IgG kappa, AlpSdAbs[®] VHH(APC) is designed for detecting mouse IgG kappa chain specifically. Anti-Mouse IgG kappa, AlpSdAbs[®] VHH(APC) is based on recombinant single domain antibody to mouse IgG kappa chain fused to APC. Based on immunoelectrophoresis and/or ELISA, Anti-Mouse IgG kappa, AlpSdAbs[®] VHH(APC) reacts with the mouse IgG kappa chain selectively, no reactivity with the mouse IgG lambda chain or heavy chain of mouse IgG.

Background

VHH are single-domain antibodies derived from the variable regions of heavy chain of Camelidae immunoglobulin. The size of VHH is extremely small(<15KDa) compared to other forms of antibody fragment, which significantly increase the permeability of VHH.

Benefits

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

Application notes

Flow Cyt 1:200-1:1000
ICC/IF 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.

Please note: All products are FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES.