

# Anti-Rabbit IgG(H+L), AlpSdAbs<sup>®</sup> VHH(PE)

Code	025-102-010
Immunogen	Recombinant Rabbit IgG
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c
Conjugate	PE(Ex: 488nm, Em: 575nm)
Specificity	Rabbit IgG(H+L)
Cross-Reactivity	No cross-reactivity with mouse, 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-Rabbit IgG(H+L), AlpSdAbs<sup>®</sup> VHH(PE) is designed for detecting rabbit IgG(H+L) specifically, and Anti-Rabbit IgG(H+L), AlpSdAbs<sup>®</sup> VHH(PE) is useful for super-resolution microscopy. Anti-Rabbit IgG(H+L), AlpSdAbs<sup>®</sup> VHH(PE) is based on recombinant single domain antibodies to rabbit IgG (H+L) fused to PE. Based on immunoelectrophoresis and/or ELISA, Anti-Rabbit IgG(H+L), AlpSdAbs<sup>®</sup> VHH(PE) reacts with the rabbit IgG selectively, no reactivity with mouse, human, cynomolgus, rat, goat 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.