

Anti-Mouse IgG&Rabbit IgG for WB, AlpSdAbs[®] VHH(HRP)

Summary

Code	001-300-005
Immunogen	Recombinant mouse IgG/rabbit IgG
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c
Conjugate	HRP
Specificity	Mouse IgG&Rabbit IgG
Cross-Reactivity	No cross-reactivity with human, cynomolgus, rat, goat IgG
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), Protect from light.

Description

Anti-Mouse IgG&Rabbit IgG for WB, AlpSdAbs[®] VHH(HRP) is designed for detecting both mouse IgG and rabbit IgG in western blot experiment specifically. Anti-Mouse IgG&Rabbit IgG for WB, AlpSdAbs[®] VHH(HRP) is based on recombinant single domain antibodies to mouse IgG(H+L) and rabbit IgG(H+L) coupled to HRP. Based on immunoelectrophoresis and/or ELISA, Anti-Mouse IgG&Rabbit IgG for WB, AlpSdAbs[®] VHH(HRP) detects the mouse IgG and rabbit IgG, no reactivity with 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. Thus VHH is considered of great value for research, diagnostics and therapeutics.

Benefits

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

Application notes

WB 1:10000-1:50000
 WB 1ul Nano-secondary antibody for 1ul First antibody

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