



Anti-Mouse IgG kappa chain, AlpSdAbs[®] VHH (VcPBD ×4)

Summary

Code	001-106-104
Immunogen	Recombinant mouse IgG
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c
Conjugate	VcPBD(2 moles VcPBD per mole VHH)
Specificity	Mouse IgG kappa chain
Cross-Reactivity	No cross-reactivity with rabbit, human, cynomolgus, rat, goat IgG
Purity	Recombinant Expression and Affinity purified
Concentration	1mg/ml
Formation	Liquid, 10mM PBS (pH 7.4)
Storage	Store at -20 °C(Avoid freeze / thaw cycles)

Description

Anti-Mouse IgG kappa chain, AlpSdAbs[®] VHH(VcPBD ×4) is designed for studying on the internalization of antibodies. Anti-Mouse IgG kappa chain, AlpSdAbs[®] VHH(VcPBD ×4) is based on recombinant single domain antibodies to mouse IgG kappa chain coupled to VcPBD. Based on immunoelectrophoresis and/or ELISA, Anti-Mouse IgG kappa chain, AlpSdAbs[®] VHH(VcPBD ×4) reacts with the mouse IgG kappa chain. Anti-Mouse IgG kappa chain, AlpSdAbs[®] VHH(VcPBD ×4) is an effective detection tool and can be used as a useful tool for the evaluation of antibody potency prior to ADCs.

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

Antibody Internalization Test: 2ug per 10ug test antibody (molar ratio=2:1).

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