

Anti-mNeongreen, AlpHcAbs[®] Rabbit antibody (Biotin)

Summary

Code	013-201-004
Immunogen	mNeongreen
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c fused to Rabbit IgG Fc(mutation)
Conjugate	Biotin
Specificity	mNeongreen
Cross-Reactivity	Highly selective for mNeongreen
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
Storage	Store at -20 °C(Avoid freeze / thaw cycles), protect from light

Description

Anti-mNeongreen, AlpHcAbs[®] Rabbit antibody(Biotin) is designed for detecting mNeongreen fusion proteins specifically. Anti-mNeongreen, AlpHcAbs[®] Rabbit antibody(Biotin) is based on monoclonal, recombinant, rabbit Fc fused single domain antibody to mNeongreen coupled to Biotin. Based on immunoelectrophoresis and/or ELISA, Anti-mNeongreen, AlpHcAbs[®] Rabbit antibody(Biotin) detects mNeongreen fusion proteins selectively, no reactivity with other proteins.

Background

mNeongreen is the brightest monomeric green or yellow fluorescent protein yet described to our knowledge, performs exceptionally well as a fusion tag for traditional imaging as well as stochastic single molecule super-resolution imaging and is an excellent fluorescence resonance energy transfer(FRET) acceptor for the newest cyan fluorescent proteins.

Using antibody with Fc(mutation), the background from Fc receptors will be eliminated.

Benefits

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

Suggested Working Concentration

ELISA	1:5,000-1:20000
WB	1:1,000-1:5000
IP	1-2ug/sample

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