



# Anti-mNeongreen, AlpHcAbs<sup>®</sup> Rabbit antibody (HRP)

## Summary

Code	013-201-005
Immunogen	mNeongreen
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c fused to Rabbit IgG Fc(mutation)
Conjugate	HRP
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, 50% Glycerol
Storage	Store at -20 °C(Avoid freeze / thaw cycles), protect from light

## Description

Anti-mNeongreen, AlpHcAbs<sup>®</sup> Rabbit antibody(HRP) is designed for detecting mNeongreen fusion proteins specifically. Anti-mNeongreen, AlpHcAbs<sup>®</sup> Rabbit antibody(HRP) is based on monoclonal, recombinant, rabbit Fc fused single domain antibody to mNeongreen coupled to HRP. Based on immunoelectrophoresis and/or ELISA, Anti-mNeongreen, AlpHcAbs<sup>®</sup> Rabbit antibody(HRP) 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

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