Recombinant Alpaca Anti-Rabbit IgG monoclonal antibody, clone WII1355 [Alexa Fluor®488] (CABT-L4217)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

**Product Overview**
Alpaca anti-rabbit IgG, recombinant VHH is an anti-rabbit IgG specific secondary antibody. It consists of a mixture of 2 anti-rabbit Nanobodies that bind to rabbit IgG with high affinity & specificity.
Degree of labeling (DOL): 2 fluorophores per Nanobody

**Specificity**
This Nanobody mixture recognizes Fab and Fc fragments of rabbit IgG.
No cross-reactivity to mouse, rat, sheep, goat, and guinea pig IgG
Cross-reactivity to human and macaque IgG

**Target**
Rabbit IgG

**Immunogen**
Purified rabbit IgG

**Source/Host**
Alpaca

**Species Reactivity**
Rabbit, Human, Macaque

**Clone**
WII1355

**Purification**
Purified

**Conjugate**
Alexa Fluor®488

**Applications**
Immunofluorescence, Super-resolution microscopy, Western blotting, ELISA

**Format**
Liquid

**Concentration**
0.5 mg/ml

**Size**
100 µL

**Buffer**
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA

**Storage**
Store at -20°C short term or -80°C long term. Aliquot upon delivery. Avoid freeze-thaw cycles. Stable for 6 months after arrival.

**Ship**
Wet ice
# BACKGROUND

## Introduction

Nano-Secondaries are a novel class of secondary antibodies for higher resolution & cleaner images. They consist of Nanobodies/ VHHs that bind to primary antibodies with high affinity in a species and subtype specific manner.