**Recombinant Alpaca Anti-Rabbit IgG monoclonal antibody, clone WII1355 [Alexa Fluor®568] (CABT-L4218)**

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®568

**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

**Preservative**

0.09% Sodium Azide

**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.
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**BACKGROUND**

**Introduction**

Nano Secondary Antibodies are a novel class of secondary antibodies for higher resolution and lower background. They consist of Nanobodies/ VHHs that bind to primary antibodies with high affinity in a species and subtype specific manner.