



# Recombinant Alpaca Anti-Rabbit IgG monoclonal antibody, clone WII1355 [Alexa Fluor®647] (CABT-L4219)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	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
<b>Specificity</b>	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.
<b>Target</b>	Rabbit IgG
<b>Immunogen</b>	Purified rabbit IgG
<b>Source/Host</b>	Alpaca
<b>Species Reactivity</b>	Rabbit, Human, Macaque
<b>Clone</b>	WII1355
<b>Purification</b>	Purified
<b>Conjugate</b>	Alexa Fluor 647
<b>Applications</b>	Immunofluorescence, Super-resolution microscopy, Western blotting, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml

<b>Size</b>	100 µl
<b>Buffer</b>	10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at -20°C short term or -80°C long term. Aliquot upon delivery. Avoid freeze-thaw cycles. Stable for 6 months after arrival.
<b>Ship</b>	Wet ice

## BACKGROUND

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