



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
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.
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.