

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.
Ship	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.