



Recombinant Alpaca Anti-Mouse IgG1 Fc monoclonal antibody, clone WII413 [Alexa Fluor®647] (CABT-L4221)

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

PRODUCT INFORMATION

Product Overview	Alpaca anti-mouse IgG1, Fc-specific recombinant VHH is an anti-mouse IgG subclass specific antibody. This secondary antibody product consists of Nanobodies that bind to mouse IgG1 with high affinity & specificity. Degree of labeling (DOL): 2 fluorophores per Nanobody
Specificity	This Nanobody recognizes Fc fragments of mouse IgG1. No cross-reactivity to rabbit, rat, goat, sheep, guinea pig, human, and macaque serum and to mouse IgG2a, IgG2b, IgG2c, and IgG3
Target	Mouse IgG1
Immunogen	Purified mouse IgG1
Source/Host	Alpaca
Species Reactivity	Mouse
Clone	WII413
Purification	Purified
Conjugate	Alexa Fluor 647
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.
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