



Recombinant Alpaca Anti-Mouse IgG1 Fc monoclonal antibody, clone WII413 (CABT-L4220)

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

PRODUCT INFORMATION

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| 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. |
| 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 | Unconjugated |
| Applications | Immunofluorescence, Super-resolution microscopy, Western blotting, ELISA |
| Format | Liquid |
| Concentration | 0.5 mg/ml |
| Size | 100 µl |

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|---------------------|---|
| 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/ VHHs that bind to primary antibodies with high affinity in a species and subtype specific manner.