

## Alpaca Anti-Mouse (Fab) Kappa, rVHH (N2507.MFAB) - MiniMab™

VHH single-domain antibody that binds to the mouse kappa light chain, part of our MiniMab™ SdAb series that have been engineered for optimal conjugate performance.



Call us : [800-304-5357](tel:800-304-5357)

### Product Description

Alpaca Anti-Mouse (Fab) Kappa, rVHH (N2507.MFAB) is a single domain antibody (SdAb, VHH, also known as Nanobody®) that recognizes mouse antigen-binding fragment (Fab) kappa light chain. This SdAb is part of our MiniMab™ series of highly optimized conjugated probes. It has been validated for immunofluorescence microscopy, flow cytometry, and western blot, and is available conjugated to CF® Dyes.

#### Features of MiniMab™ single-domain antibodies

- Superior to conventional antibodies: deeper tissue penetration, higher solubility and stability, and faster staining
- Minimal epitope-dye displacement—perfect for super-resolution imaging
- Specifically developed and optimized for immunofluorescence
- Labeled with bright, photostable CF® Dyes
- Available as conjugates with Biotium's best-in-class dyes for STORM

Learn more about [CF® Dyes for super-resolution](#) as well as our innovative reagents for [immunofluorescence microscopy](#); this includes our [NucSpot® Nuclear Stains](#) for bright and nuclear-specific staining in a wide color selection, and [CytoLiner™ Fixed Cell Membrane Stains](#) for robust membrane staining in formaldehyde-fixed cells.

[View our full selection of primary and secondary antibodies](#) available with bright CF® Dyes and other labels.

## Alpaca Anti-Mouse (Fab) Kappa, rVHH (N2507.MFAB) – MiniMab™

Conjugation	Ex/Em	Conc.	STORM <sup>1</sup> compatibility	Catalog No.	Dye Features
<a href="#">CF@498</a>	498/519 nm	100 ug/mL	Yes	<a href="#">N005-498-500UL</a>	<a href="#">CF@498 Features</a>
<a href="#">CF@568</a>	562/584 nm	100 ug/mL	Yes	<a href="#">N005-568-500UL</a>	<a href="#">CF@568 Features</a>
<a href="#">CF@583R</a>	585/609 nm	100 ug/mL	Yes	<a href="#">N005-583R-500UL</a>	<a href="#">CF@583R Features</a>
<a href="#">CF@647</a>	652/668 nm	100 ug/mL	Yes	<a href="#">N005-647-500UL</a>	<a href="#">CF@647 Features</a>
<a href="#">CF@660C</a>	667/685 nm	100 ug/mL	Yes	<a href="#">N005-660C-500UL</a>	<a href="#">CF@660C Features</a>
<a href="#">CF@680</a>	681/698 nm	100 ug/mL	Yes	<a href="#">N005-680-500UL</a>	<a href="#">CF@680 Features</a>

<sup>1</sup> STORM: Stochastic optical reconstruction microscopy. [Learn more about CF® Dyes for super-resolution](#). NANOBODY is a registered trademark of ABLYNX.

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### Product attributes

Antibody number	N005
Antibody type	MiniMab™ SdAb (VHH)
Clonality	Recombinant single-domain antibody
Host species	Alpaca
Clone	N2507.MFAB
Isotype	VHH
Antibody reactivity (target)	Mouse Fab (Kappa)
Synonyms	Mouse immunoglobulin kappa light chain
Species reactivity	Mouse
Verified antibody applications	Flow (surface) (verified), IF (verified), Western Blot (verified)
Antibody application notes	Immunofluorescence: 0.1 ug/mL; Flow cytometry: 0.1 ug per million cells/0.1 mL; Western blot: 250 ng/mL; Optimal concentration to be determined by end-user.
Antibody/conjugate formulation	Conjugates: PBS/0.1% rBSA/0.05% azide
Secondary/tag antibody applications	Flow cytometry, IF (cells or tissue sections), Western blot, STORM
Shelf life	Guaranteed for at least 24 months from date of receipt when stored as recommended
Storage Conditions	Store conjugates at 2 °C to 8 °C, Protect fluorescent conjugates from light
Regulatory status	For research use only (RUO)
Product origin	Animal. Recombinant alpaca VHH produced in E.coli, Recombinant BSA produced in Chinese hamster ovary cells
Shipping condition	Room temperature