

NanoAb™

RecomAb™

# FluoTag-X2 anti-mScarlet-i, clone 2B12 (Alexa 647)

Catalog # RAB00902      Size 200 uL

## Specification

<b>Product Description</b>	FluoTag-X2 anti-mScarlet-i single-domain antibody (sdAb, also known as NanoAb™) raised against mScarlet-i.
<b>Antibody Species</b>	Camelid
<b>Produced in</b>	E. coli
<b>Specificity</b>	Recognizes mScarlet-i in its native conformation. Cross-reacts with some mRFP-derived red fluorescent proteins like mCherry.
<b>Form</b>	Lyophilized
<b>Conjugation</b>	Alexa 647 Two fluorophores of FluoTag-X2 series are site-specifically coupled to one individual FluoTag molecule.
<b>Concentration</b>	5 uM
<b>Recommend Usage</b>	Immunofluorescence (1:500) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from 200 uL PBS containing 2.5 uM fluorescently labeled clone 1H1 and 1B2 (total concentration of fluorescently labeled sdAbs: 5 uM). Reconstitute with 200 uL 50% glycerol.
<b>Storage Instruction</b>	Store at -20°C. For long term storage store at -80°C. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	It is selected from the alpaca in vitro synthetic gene library, produced by phage display derived recombinant antibodies.

## Applications

- Immunofluorescence