RecomAb™

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

Catalog # RAB00902 Size 200 uL

Specification

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

Applications

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- Immunofluorescence

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