

NanoAb™

RecomAb™

FluoTag-X4 anti-RFP, clone 2B12/2A1 (Alexa 647)

Catalog # RAB00778 Size 200 uL

Specification

Product Description	FluoTag-X4 anti-RFP two single-domain antibody (sdAb, also known as NanoAb™) raised against the most common red fluorescent proteins.
Antibody Species	Camelid
Produced in	E. coli
Specificity	Recognizes mRFP (red fluorescent protein) and other derivatives like mOrange, dsRed1, dsRED2, tdTomato, mCherry and mScarlet-i.
Form	Lyophilized
Conjugation	Alexa 647 Two fluorophores of FluoTag-X4 series are site-specifically coupled to each individual FluoTag molecule.
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 concentration 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 recombinant antibodies.

Applications

- Immunofluorescence