

Data Sheet

FluoTag-X2 anti-mScarlet-i, Fluorophore-conjugated

Fluorophore	Catalog No. (20µl)	Catalog No. (200µl)
Abberior-Star RED	N1302-AbRED-S	N1302-AbRED-L
Abberior-Star 580	N1302-Ab580-S	N1302-Ab580-L
Abberior-Star 635P	N1302-Ab635P-S	N1302-Ab635P-L
AlexaFluor 647	N1302-AF647-S	N1302-AF647-L
Atto488	N1302-At488-S	N1302-At488-L
Atto542	N1302-At542-S	N1302-At542-L
Atto565	N1302-At565-S	N1302-At565-L
Atto647N	N1302-At647N-S	N1302-At647N-L
Sulfo-Cyanine 3	N1302-SC3-S	N1302-SC3-L
Sulfo-Cyanine 5	N1302-SC5-S	N1302-SC5-L

Identity Camelid sdAb anti-mScarlet-i; Clone 2B12

Content 2.5 µM fluorescently labeled sdAb in buffered saline, 50% glycerol, 0.09% sodium azide.

Storage Up to 3 months: -20 °C
Up to 12 months: -80 °C or below
Protect from light!

Applications IF / ICC Recommended dilution 1:500

Specificity Recognizes mScarlet-I and most fluorescent proteins from *Dictyosoma sp.*

Does not cross-react with GFP, CFP, YFP and mTagBFP or their most common derivatives.

For more information please visit our web page at www.nano-tag.com

To be used *in vitro* / for research only.
Non-toxic, non-hazardous, non-infectious.

Fluorescent Protein	Anti-GFP cl. 1H1 Cat. no N0301 (Q) Cat. no N0304 (X4)	anti-GFP cl. 1B2 Cat. no N0304 (X4)	anti-RFP/mScarlet cl. 2B12 Cat. no N0401 (Q) Cat. no N1302 (X2) Cat. no N0404 (X4)	anti-RFP cl. 2A1 Cat. no N0404 (X4)	anti-TagFP cl. 1H7 Cat. no N0501 (Q) Cat. no N0502 (X2)
Sirius	✓				
tSapphire	✓✓				
Cerulean	✓✓				
eCFP	✓✓				
mTurquoise ½	✓✓				
acGFP	✓✓				
EGFP	✓✓				
Emerald GFP	✓✓				
mEGFP (A206K)	✓✓				
mEGFP (L221K)	✓✓				
superecliptic pHluorin	✓✓				
paGFP	✓✓				
superfolder GFP	✓✓				
eYFP	✓✓				
mVenus	✓✓				
Citrine	✓				
mOrange2			✓		
dsRed1 , dsRed2			✓✓		
tdTomato			✓✓		
mRFP			✓✓		
mCherry			✓✓	✓✓	
mScarlet-i			✓		
mTagBFP					✓
mKate, mKate2					✓✓
mTagRFP					✓✓
mTagRFP657					✓

Not recognized: Dendra2, Dronpa, tdEOS, mEOS3.2, mRuby3 and mTFP