

## Data Sheet

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

Fluorophore	Catalog No. (20µl)	Catalog No. (200µl)
Abberior-Star 488	N1302-Ab488-S	N1302-Ab488-L
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
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](http://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