

## Data Sheet

### FluoTag-X4 anti-GFP, Fluorophore-conjugated

Fluorophore	Catalog No. (20µl)	Catalog No. (200µl)
Abberior-STAR 488	N0304-Ab488-S	N0304-Ab488-L
Abberior-STAR RED	N0304-AbRED-S	N0304-AbRED-L
Abberior-STAR 580	N0304-Ab580-S	N0304-Ab580-L
Abberior-STAR 635P	N0304-Ab635P-S	N0304-Ab635P-L
Atto488	N0304-At488-S	N0304-At488-L
Atto542	N0304-At542-S	N0304-At542-L
Atto565	N0304-At565-S	N0304-At565-L
Atto647N	N0304-At647N-S	N0304-At647N-L
Sulfo-Cyanine 3	N0304-SC3-S	N0304-SC3-L
Sulfo-Cyanine 5	N0304-SC5-S	N0304-SC5-L

**Identity** Camelid sdAb anti-GFP; Clones 1H1/1B2

**Content** 1.25 µM of each fluorescently labeled sdAb clone in buffered saline, 50% glycerol, 0.09% sodium azide.  
5 µM total fluorophore concentration

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

**Applications** IF / ICC Recommended dilution 1:250

**Specificity** Recognizes GFP, mEGFP, superfolder GFP and most common CFP and YFP variants.  
Does not cross-react with mCherry, mRFP, dsRed, 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