

## Data Sheet

### FluoTag-X2 anti-TagFP, Fluorophore-conjugated

Fluorophore	Catalog No. (20µl)	Catalog No. (200µl)
Atto488	N0502-At488-S	N0502-At488-L
Atto542	N0502-At542-S	N0502-At542-L
Atto565	N0502-At565-S	N0502-At565-L
Atto647N	N0502-At647N-S	N0502-At647N-L
Abberior®Star 580	N0502-Ab580-S	N0502-Ab580-L
Abberior®Star 635P	N0502-Ab635P-S	N0502-Ab635P-L

**Identity** Camelid sdAb anti-TagFP; Clone 1H7

**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 mTagBFP, mTagRFP, mKate and most common fluorescent proteins deriving from *Entacmaea quadricolor*.  
Does not cross-react with common GFP- or dsRed 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.

## Specificity Table

Fluorescent Protein	FluoTag-Q/-X4 anti-GFP	FluoTag-Q/-X4 anti-RFP	FluoTag-Q/-X2 anti-TagFP
	N0301 / N0304	N0401 / N0404	N0501 / N0502
Sirius	++ <sup>(1)</sup>	-	-
tSapphire	++	-	-
Cerulean	++	-	-
eCFP	++	-	-
mTurquoise, mTurquoise2	++	-	-
acGFP	+	-	-
EGFP	++	-	-
Emerald GFP	++	-	-
mEGFP (A206K)	++	-	-
mEGFP (L221K)	++	-	-
superecliptic pHluorin	+	-	-
paGFP	+	-	-
superfolder GFP	++	-	-
eYFP	+	-	-
mVenus	++	-	-
Citrine	+	-	-
mOrange2	-	+ <sup>(2)</sup>	-
dsRed1 , dsRed2	-	++ <sup>(2)</sup>	-
tdTomato	-	++ <sup>(2)</sup>	-
mRFP	-	+	-
mCherry	-	++	-
mScarlet-i	-	++	-
mTagBFP	-	-	++
mKate, mKate2	-	-	++
mTagRFP	-	-	++
mTagRFP657	-	-	++
Dendra2	-	-	-
Dronpa	-	-	-
tdEOS	-	-	-
mEOS3.2	-	-	-
mRuby3	-	-	-
mTFP (mTeal)	-	-	-

++: **strong positive signal**; + **positive signal**; - **no signal**

<sup>(1)</sup> Recognized only by clone 1H1    <sup>(2)</sup> Recognized only by clone 2B12