

## RFP antibody [5F8]

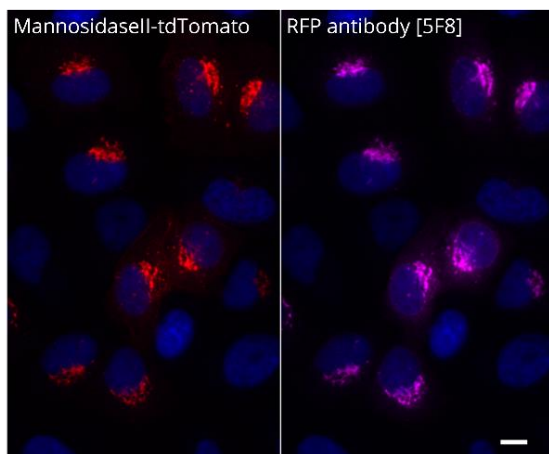
Product code: 5f8-2

*NEW storage conditions and buffer.*

<b>Description</b>	Rat monoclonal antibody [5F8] to Red Fluorescent Proteins
<b>Product type</b>	Primary antibody
<b>Host</b>	Rat
<b>Isotype</b>	IgG2a
<b>Target/ Specificity</b>	Tested on DsRed, mRFP, mCherry, mPlum, mRFPruby, mScarlet, tdTomato, mKate2, mOrange.
<b>Immunogen</b>	UniProtKB: Q9U6Y8
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	5F8
<b>RRID</b>	AB_2336064
<b>Concentration</b>	1 mg/mL
<b>Purity</b>	Protein A or G purified
<b>Form</b>	Buffered aqueous solution
<b>Storage buffer</b>	PBS, 50% glycerol, preservative: 0.09% sodium azide.
<b>Size</b>	20 µL; 150 µL
<b>Storage instructions</b>	Shipped on ice. Store at -20°C/-4°F. Stable for 1 year after shipment.
<b>Applications</b>	IF: recommended starting dilution 1:1,000 The concentration of the antibody can vary. The optimal dilution should be determined by the user. A titration from 1:200 up to 1:2,000 is recommended.
<b>References</b>	Rottach, A et al. Generation and characterization of a rat monoclonal antibody specific for multiple red fluorescent proteins. Hybridoma (2008). PubMed: 18788935

### Tested applications

#### Immunofluorescence



HeLa cells transiently transfected with MannosidaseII-tdTomato (Golgi).  
Primary antibody: [5F8] 1:1,000  
Secondary antibody: goat anti-rat Alexa Fluor<sup>®</sup> 647  
Fixation: 3.7 % PFA  
Scale bar: 10 µm

*Only for research applications, not for diagnostic or therapeutic use.*

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