

RFP antibody [5F8]

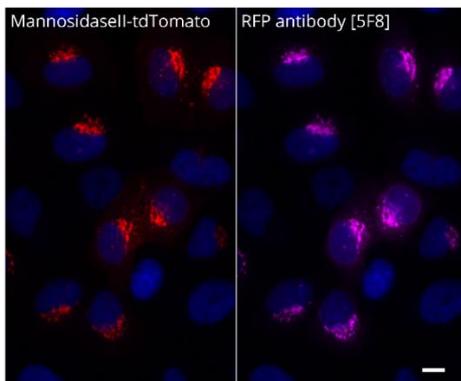
Product code: 5f8

Note: NEW storage conditions and storage buffer, HIGHER purity.

Description	Rat monoclonal antibody [5F8] to Red Fluorescent Proteins
Product type	Primary antibody
Host	Rat
Isotype	IgG2a
Target/ Specificity	Tested on DsRed, mRFP, mCherry, mPlum, mRFPruby, mScarlet, tdTomato, mKate2, mOrange.
Immunogen	UniProtKB: Q9U6Y8
Clonality	Monoclonal
Clone ID	5F8
RRID	AB_2336064
Concentration	1 mg/mL
Purity	Protein A or G purified
Form	Buffered aqueous solution
Storage buffer	PBS, 50% glycerol, preservative: 0.09% sodium azide.
Size	20 µL; 150 µL
Storage instructions	Shipped on ice. Store at -20°C/-4°F. Stable for 1 year after shipment.
Applications	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.
References	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 Mannosidasell-tdTomato (Golgi).
Primary antibody: RFP antibody [5F8] 1:1,000
Secondary antibody: goat anti-rat Alexa Fluor[®] 647
Fixation: 3.7 % PFA
Scale bar: 10 µm

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

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