

# Product Datasheet

## RFP Antibody (1610) - Azide and BSA Free NBP2-43713

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-43713**

RFP Antibody (1610) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1610
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	27 kDa

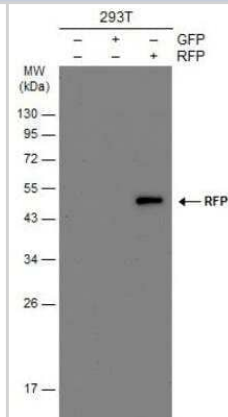
Product Description	
Description	Novus Biologicals Mouse RFP Antibody (1610) - Azide and BSA Free (NBP2-43713) is a monoclonal antibody validated for use in WB, Flow, ICC/IF and IP. Anti-RFP Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Immunogen	Recombinant protein conjugated synthetic peptide encompassing a sequence within the center region of RFP. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:500-1:1000



## Images

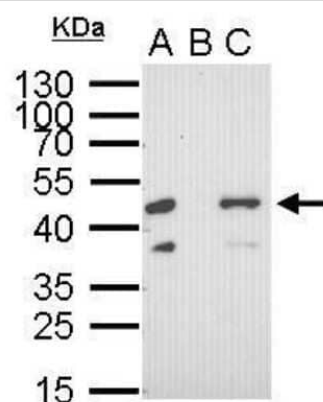
**Western Blot: RFP Antibody (1610) [NBP2-43713]** - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with RFP antibody [GT1610] diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



**Immunocytochemistry/Immunofluorescence: RFP Antibody (1610) [NBP2-43713]** - Analysis of RFP-tag transfected HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: RFP-recombinant protein stained by RFP-tag antibody diluted at 1:2000. Red: RFP is expressed in the transfected cell. Blue: Hoechst 33342 staining.



**Immunoprecipitation: RFP Antibody (1610) [NBP2-43713]** - Analysis of 400 ug cell lysate/extract of RFP-fused gene transfected 293T cells A. 30 ug lysate/extract of transfected 293T cell B. Control with 2 ug of preimmune mouse IgG C. Immunoprecipitation of RFP-fused protein by 2 ug of RFP tag antibody 12% SDS-PAGE The immunoprecipitated RFP-fused protein was detected by RFP tag antibody diluted at 1:1000. EasyBlot anti-mouse IgG was used as a secondary reagent.



## Publications

Vidal A, Redmer T Tracking of Melanoma Cell Plasticity by Transcriptional Reporters International journal of molecular sciences 2022-01-21 [PMID: 35163127] (FLOW)

de Bakker DEM, Bouwman M, Dronkers E et al. Prrx1b restricts fibrosis and promotes Nrg1-dependent cardiomyocyte proliferation during zebrafish heart regeneration Development (Cambridge, England) 2021-09-03 [PMID: 34486669] (ICC/IF)



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### **Products Related to NBP2-43713**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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