

Product Datasheet

RFP Antibody (orb334992)

Catalog Number	orb334992
Category	Antibodies
Description	Goat polyclonal antibody to RFP (Red fluorescent protein). RFP is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus <i>Discosoma</i> .
Target	Red Fluorescent Protein
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	Unconjugated
Form/Appearance	Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	Please inquire
Purification	Epitope affinity purified
Immunogen	Antigen: Purified recombinant RFP peptide produced in <i>E. coli</i> . Antigen Sequence: MVSKGEEDNMAIIKEFMRFKVMHEGSVNGHEFEIEGEGEGRPYEGTQTAKLKVTKGGPLPF AWDILSPQFMYGSKAYVKHPADIPDYLKLSFPEGFKWERVMNFEDGGVVTVTQDSSLQDG EFIYKVKLRGTNFPDGPVMQKKTMGWEASSERMYPEDGALKGEIKQRLKLDGGHYDAE VKTTYKAKKPVQLPGAYNVNIKLDITSHNEDYTIVEQYERAEGRHSTGGMDELYK
Tested applications	IEM, IF, IHC-Fr, IHC-P, WB

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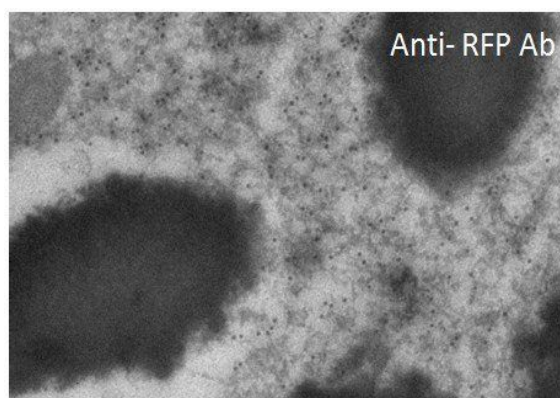
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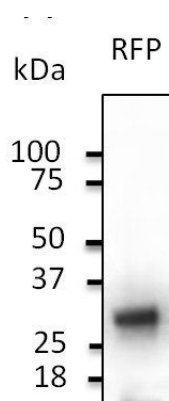
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Dilution range	WB:1:500-1:2,000, IF:1:50-1:500, IHC-P:1:50-1:500, IHC-F:1:50-1:500, IEM:1:50-1:500
Application notes	The antibody solution should be gently mixed before use.
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody also recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded epithelium cells using RFP antibody



Western blot analysis of staining of WB293HEK cells transduced with tdTomato Ad lysates using RFP antibody

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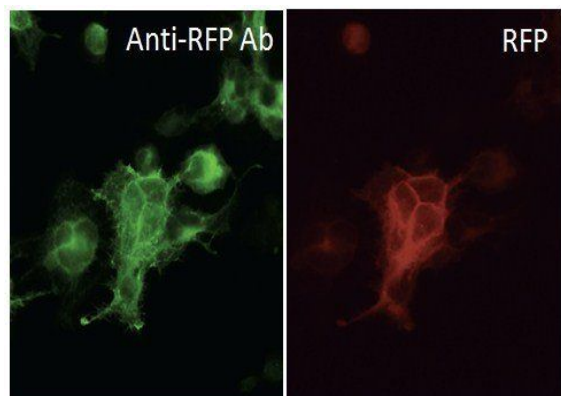
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Immunofluorescence analysis of 293HEK cells using RFP antibody

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