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Datasheet for ABIN6254205

anti-RFP antibody

4 Images

2 Publications

Overview

| | |
|--------------|---|
| Quantity: | 300 µg |
| Target: | RFP |
| Reactivity: | Discosoma |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This RFP antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------------|--|
| Purpose: | RFP Polyclonal Antibody |
| Immunogen: | Purified recombinant RFP peptide produced in E. coli. |
| Isotype: | IgG |
| 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). |
| Cross-Reactivity (Details): | Red Fluorescent Protein (dsRed), mCherry, mOrange, mPlum, mRFP, mStrawberry and tdTomato |
| Purification: | epitope affinity purified |

Target Details

| | |
|-------------------|--------------------------------------|
| Target: | RFP |
| Alternative Name: | RFP (RFP Products) |

Application Details

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|--------------------|---|
| Application Notes: | Western blot 1:500-1:2,000 Immunofluorescence 1:50-1:500 Immunohistochemistry (paraffin) 1:50-1:500 Immunohistochemistry (frozen) 1:50-1:500 |
|--------------------|---|

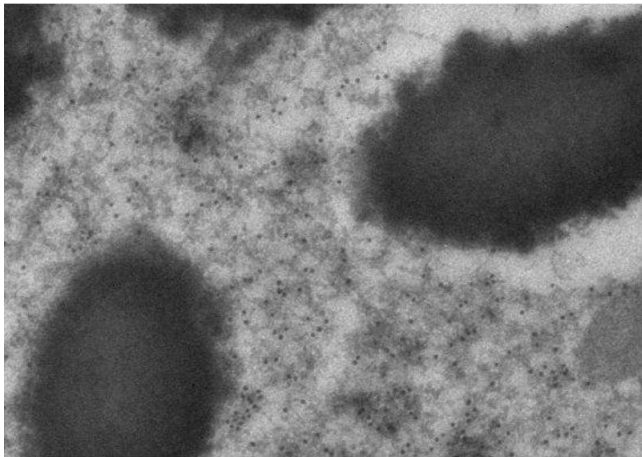
| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

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|------------------|--|
| Handling Advice: | The antibody solution should be gently mixed before use. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours. |

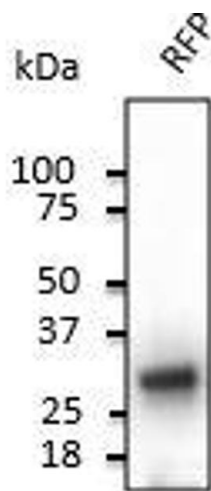
Publications

| | |
|-------------------|---|
| Product cited in: | Zhang, Chen, Ma, Zhao, Liu, Wang, Liu, Liang, Zhu, Xu: "Polarization of macrophages in the tumor microenvironment is influenced by EGFR signaling within colon cancer cells." in: Oncotarget , Vol. 7, Issue 46, pp. 75366-75378, (2018) (PubMed). |
| | Yan, Guo, Cheng, Kou, Zhang, Si: "Tributyltin reduces the levels of serum adiponectin and activity of AKT and induces metabolic syndrome in male mice." in: Environmental toxicology , Vol. 33, Issue 7, pp. 752-758, (2018) (PubMed). |



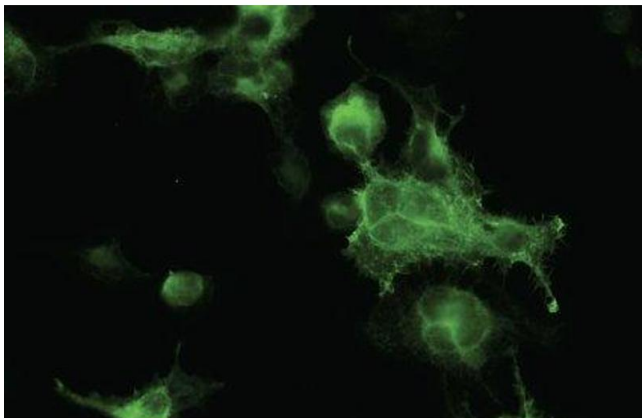
Immunoelectron Microscopy

Image 1. Immunogold labeling of epithelium cells, in vivo injected with RFP expressing vector,



Western Blotting

Image 2. Anti-RFP Ab at 1/2,000 dilution, 293HEK cells transduced with RFP Ad, 50 µg per lane, rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution,



Immunofluorescence

Image 3. Immunofluorescence - anti-RFP Ab in 293HEK cells transfected with RFP at 1/50 dilution, cells Were fixed with 4% of PFA

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6254205.