

## V5 tag antibody [GT1071]

Cat. No. GTX628529

|              |                     |
|--------------|---------------------|
| Host         | Mouse               |
| Clonality    | Monoclonal          |
| Isotype      | IgG1                |
| Applications | WB, ICC/IF, IP      |
| Reactivity   | Species independent |

References ( 4 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:2000         |
| IP                 | 1:100-1:500          |

Not tested in other applications.

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS                                                                                                                                                                                                                        |
| Preservative  | No preservatives                                                                                                                                                                                                           |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.42 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| Immunogen     | The immunogen used to generate this antibody corresponds to V5 tag                                                                                                                                                         |
| Purification  | Affinity purified by Protein G.                                                                                                                                                                                            |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

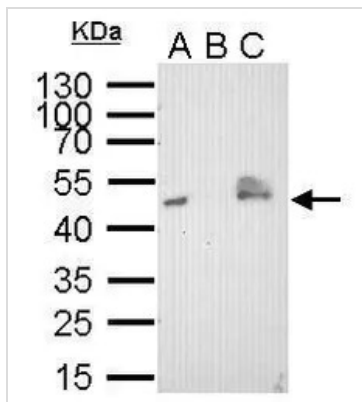
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

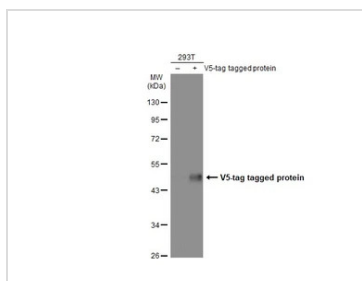
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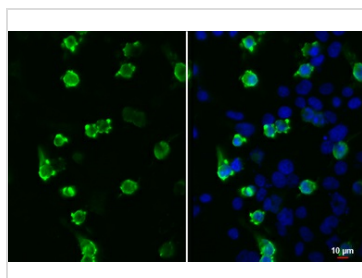
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**DATA IMAGES**

**GTX628529 IP Image**

V5 tag antibody [GT1071] immunoprecipitates V5-fused protein in IP experiments. IP Sample: 400 µg cell lysate/extract of V5-fused gene transfected 293T cells A. 30 µg lysate/extract of transfected 293T cell B. Control with 2 µg of preimmune mouse IgG C. Immunoprecipitation of V5-fused protein by 2 µg of V5 tag antibody [GT1071] (GTX628529) 12% SDS-PAGE The immunoprecipitated V5-fused protein was detected by V5 tag antibody (GTX628529) diluted at 1:1000. EasyBlot anti-mouse IgG (GTX221667-01) was used as a secondary reagent.


**GTX628529 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with V5 tag antibody [GT1071] (GTX628529) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX628529 ICC/IF Image**

V5 tag antibody [GT1071] detects V5 tag protein by immunofluorescent analysis. Sample: V5-tag tagged protein transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: V5 tag stained by V5 tag antibody [GT1071] (GTX628529) diluted at 1:500. Blue: Hoechst 33342 staining.



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