

## Product datasheet for **CF505601**

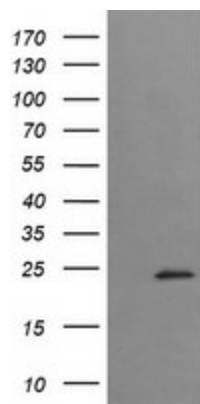
### TRAPPC4 Mouse Monoclonal Antibody [Clone ID: OTI4C3]

#### Product data:

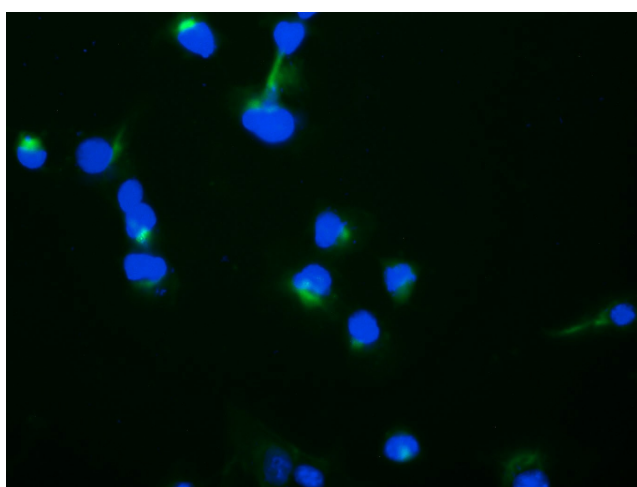
|                         |                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                                                                                                                                                                                                                                                                                   |
| Clone Name:             | OTI4C3                                                                                                                                                                                                                                                                                                                               |
| Applications:           | FC, IF, WB                                                                                                                                                                                                                                                                                                                           |
| Recommended Dilution:   | WB 1:1000, IF 1:100, FLOW 1:100                                                                                                                                                                                                                                                                                                      |
| Reactivity:             | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                    |
| Host:                   | Mouse                                                                                                                                                                                                                                                                                                                                |
| Isotype:                | IgG2b                                                                                                                                                                                                                                                                                                                                |
| Clonality:              | Monoclonal                                                                                                                                                                                                                                                                                                                           |
| Immunogen:              | Full length human recombinant protein of human TRAPPC4(NP_057230) produced in HEK293T cell.                                                                                                                                                                                                                                          |
| Formulation:            | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)                                                                                                                                                                                                                                                                    |
| Reconstitution Method:  | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)                                                                                                                                                                                                                            |
| Conjugation:            | Unconjugated                                                                                                                                                                                                                                                                                                                         |
| Storage:                | Store at -20°C as received.                                                                                                                                                                                                                                                                                                          |
| Stability:              | Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                           |
| Predicted Protein Size: | 24.2 kDa                                                                                                                                                                                                                                                                                                                             |
| Gene Name:              | trafficking protein particle complex subunit 4                                                                                                                                                                                                                                                                                       |
| Database Link:          | <a href="#">NP_057230</a><br><a href="#">Entrez Gene 60409 Mouse</a> <a href="#">Entrez Gene 51399 Human</a><br><a href="#">Q9Y296</a>                                                                                                                                                                                               |
| Synonyms:               | CGI-104; HSPC172; PTD009; SBDN; SYNBINDIN; TRS23                                                                                                                                                                                                                                                                                     |
| Protein Families:       | Druggable Genome                                                                                                                                                                                                                                                                                                                     |



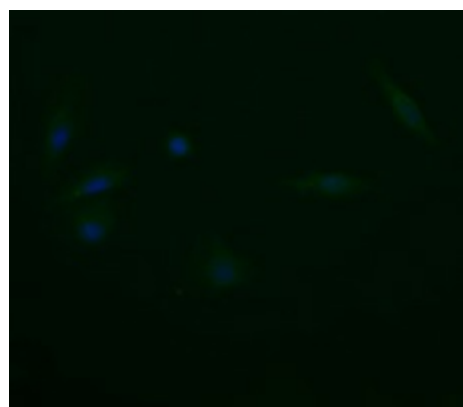
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**Product images:**

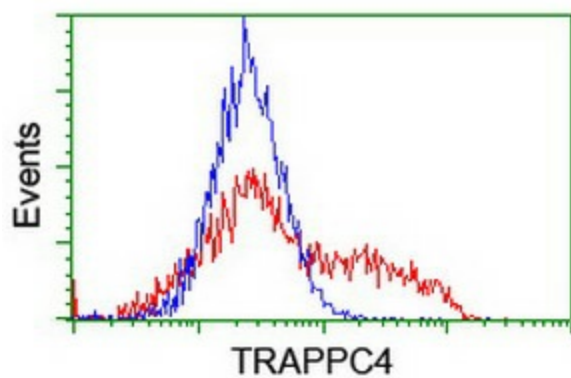
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TRAPPC4 ([RC202213], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TRAPPC4. Positive lysates [LY414159] (100ug) and [LC414159] (20ug) can be purchased separately from OriGene.



Anti-TRAPPC4 mouse monoclonal antibody ([TA505601]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TRAPPC4 ([RC202213]).



Immunofluorescent staining of HeLa cells using anti-TRAPPC4 mouse monoclonal antibody ([TA505601]).



HEK293T cells transfected with either [RC202213] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TRAPPC4 antibody ([TA505601]), and then analyzed by flow cytometry.