

## Product datasheet for **CF505338**

### **RAB37 Mouse Monoclonal Antibody [Clone ID: OTI2F8]**

#### **Product data:**

|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTI2F8   |
| <b>Applications:</b>           | IF, WB   |
| <b>Recommended Dilution:</b>   | WB 1:2000, IF 1:100  |
| <b>Reactivity:</b>             | Human, Mouse, Rat  |
| <b>Host:</b>                   | Mouse  |
| <b>Isotype:</b>                | IgG2a  |
| <b>Clonality:</b>              | Monoclonal   |
| <b>Immunogen:</b>              | Full length human recombinant protein of human RAB37(NP_783865) produced in HEK293T cell.  |
| <b>Formulation:</b>            | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)  |
| <b>Reconstitution Method:</b>  | 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) |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| <b>Conjugation:</b>            | Unconjugated   |
| <b>Storage:</b>                | Store at -20°C as received.  |
| <b>Stability:</b>              | Stable for 12 months from date of receipt.   |
| <b>Predicted Protein Size:</b> | 24 kDa   |
| <b>Gene Name:</b>              | RAB37, member RAS oncogene family  |
| <b>Database Link:</b>          | <a href="#">NP_783865</a><br><a href="#">Entrez Gene 58222 Mouse</a> <a href="#">Entrez Gene 326624 Human</a><br><a href="#">Q96AX2</a>  |
| <b>Background:</b>             | Rab proteins are low molecular mass GTPases that are critical regulators of vesicle trafficking. For additional background information on Rab proteins, see MIM 179508. [supplied by OMIM, Apr 2006]   |

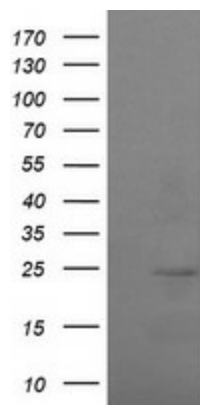


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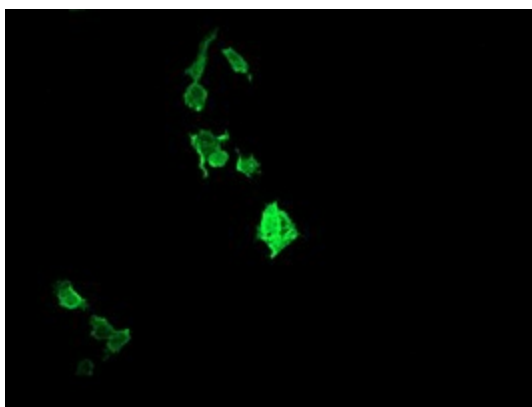
Synonyms: FLJ30284; FLJ32507

Protein Families: Druggable Genome, Secreted Protein

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RAB37 ([RC206946], 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-RAB37. Positive lysates [LY406250] (100ug) and [LC406250] (20ug) can be purchased separately from OriGene.



Anti-RAB37 mouse monoclonal antibody ([TA505338]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY RAB37 ([RC206946]).