

## Product datasheet for **TA504014M**

### **FBXO21 Mouse Monoclonal Antibody [Clone ID: OTI4G5]**

#### **Product data:**

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI4G5   |
| Applications:           | FC, IF, WB   |
| Recommended Dilution:   | WB 1:2000, IF 1:100, FLOW 1:100  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human FBXO21(NP_296373) produced in HEK293T cell.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 0.69 mg/ml   |
| 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: | 72.1 kDa   |
| Gene Name:              | F-box protein 21   |
| Database Link:          | <a href="#">NP_296373</a><br><a href="#">Entrez Gene 231670 Mouse</a> <a href="#">Entrez Gene 360818 Rat</a> <a href="#">Entrez Gene 23014 Human</a><br><a href="#">O94952</a> |



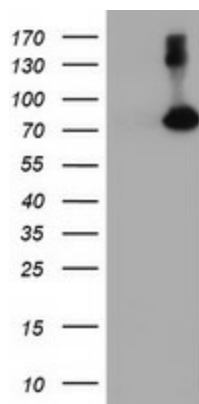
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**Background:**

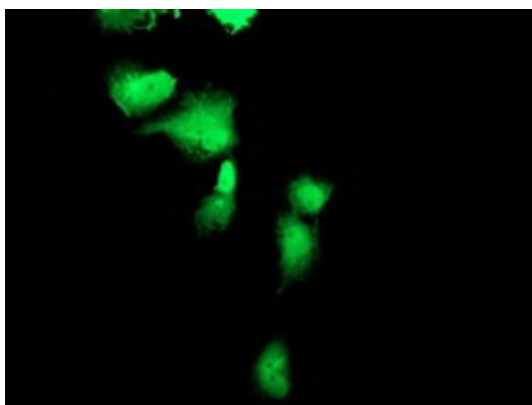
This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq]

**Synonyms:**

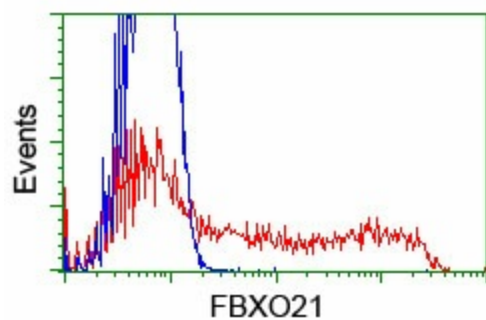
FBX21

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FBXO21 ([RC223095], 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-FBXO21.



Anti-FBXO21 mouse monoclonal antibody ([TA504014]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FBXO21 ([RC223095]).



HEK293T cells transfected with either [RC223095] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FBXO21 antibody ([TA504014]), and then analyzed by flow cytometry.