

## Product datasheet for **TA503274**

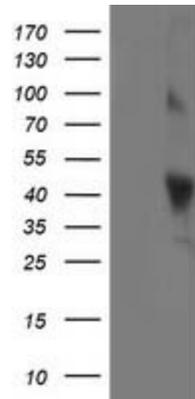
### **OBFC1 (STN1) Mouse Monoclonal Antibody [Clone ID: OTI1C5]**

#### **Product data:**

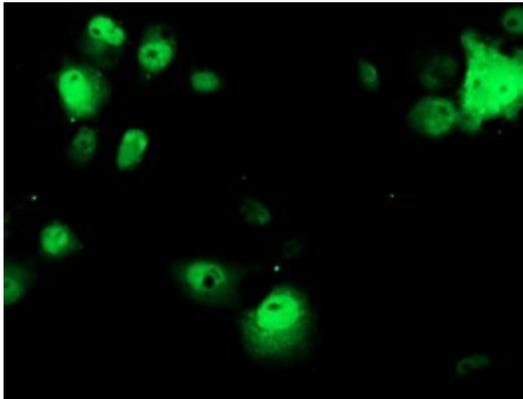
|                                |   |
|--------------------------------|---|
| <b>Product Type:</b>           | Primary Antibodies  |
| <b>Clone Name:</b>             | OTI1C5  |
| <b>Applications:</b>           | FC, IF, WB  |
| <b>Recommend Dilution:</b>     | WB 1:2000, IF 1:100, FLOW 1:100   |
| <b>Reactivity:</b>             | Human   |
| <b>Host:</b>                   | Mouse   |
| <b>Isotype:</b>                | IgG1  |
| <b>Clonality:</b>              | Monoclonal  |
| <b>Immunogen:</b>              | Full length human recombinant protein of human OBFC1 (NP_079204) produced in HEK293T cell.  |
| <b>Formulation:</b>            | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| <b>Concentration:</b>          | 0.35 mg/ml  |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| <b>Predicted Protein Size:</b> | 41.9 kDa  |
| <b>Gene Name:</b>              | STN1 subunit of CST complex   |
| <b>Database Link:</b>          | <a href="#">NP_079204 Entrez Gene 79991 Human</a>   |
| <b>Background:</b>             | OBFC1 and C17ORF68 (MIM 613129) are subunits of an alpha accessory factor (AAF) that stimulates the activity of DNA polymerase-alpha-primase (see MIM 176636), the enzyme that initiates DNA replication (Casteel et al., 2009 [PubMed 19119139]). OBFC1 also appears to function in a telomere-associated complex with C17ORF68 and TEN1 |
| <b>Synonyms:</b>               | AAF-44; AAF44; bA541N10.2; RPA-32; STN1   |



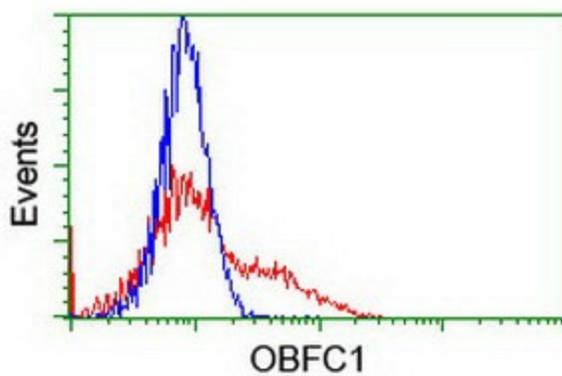
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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OBFC1 ([RC200778], 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-OBFC1. Positive lysates [LY410967] (100ug) and [LC410967] (20ug) can be purchased separately from OriGene.



Anti-OBFC1 mouse monoclonal antibody (TA503274) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY OBFC1 ([RC200778]).



HEK293T cells transfected with either [RC200778] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-OBFC1 antibody (TA503274), and then analyzed by flow cytometry.