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Datasheet for ABIN2755231  
**anti-OBFC2A antibody (AA 1-204) (FITC)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                     |
| Target:              | OBFC2A                                     |
| Binding Specificity: | AA 1-204                                   |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This OBFC2A antibody is conjugated to FITC |
| Application:         | ELISA                                      |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human SOSS complex subunit B2 protein (1-204AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified                                    |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | OBFC2A  |
| Alternative Name: | NABP1 ( <a href="#">OBFC2A Products</a> )   |
| Background:       | Background: Component of the SOSS complex, a multiprotein complex that functions downstream of the MRN complex to promote DNA repair and G2/M checkpoint. In the SOSS |

## Target Details

complex, acts as a sensor of single-stranded DNA that binds to single-stranded DNA, in particular to polypyrimidines. The SOSS complex associates with DNA lesions and influences diverse endpoints in the cellular DNA damage response including cell-cycle checkpoint activation, recombinational repair and maintenance of genomic stability. Required for efficient homologous recombination-dependent repair of double-strand breaks (DSBs) and ATM-dependent signaling pathways.

Aliases: FLJ13624 antibody, FLJ22833 antibody, hSSB2 antibody, MGC111163 antibody, Nabp1 antibody, Nucleic acid-binding protein 1 antibody, OBFC2A antibody, Oligonucleotide/oligosaccharide binding fold containing 2A antibody, Oligonucleotide/oligosaccharide binding fold containing protein 2A antibody, Oligonucleotide/oligosaccharide-binding fold-containing protein 2A antibody, Sensor of single strand DNA complex subunit B2 antibody, Sensor of single-strand DNA complex subunit B2 antibody, Sensor of ssDNA subunit B2 antibody, Single stranded DNA binding protein 2 antibody, Single-stranded DNA-binding protein 2 antibody, SOSB2\_HUMAN antibody, SOSS B2 antibody, SOSS complex subunit B2 antibody, SOSS-B2 antibody, SSB2 antibody

UniProt: [Q96AH0](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.