

## Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody

Catalog Number: M32338

### About ABRAXAS1

ABRA1 (Abraxas), also known as CCDC98, is an adaptor protein that is essential for formation and function of BRCA1 A tumor suppressor complex. This complex plays critical roles in DNA repair, cell cycle checkpoint control, and maintenance of genomic stability. ABRA1 mediates interaction of ubiquitin-interacting motif-containing protein RAP80 and deubiquitination enzyme BRCC36 with BRCA1/BARD1. ABRA1 controls both DNA-damage-induced formation of BRCA1 foci and BRCA1-dependent G2/M checkpoint activation.

### Overview

Product Name	Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody (Catalog # M32338). Tested in Flow Cytometry, IP, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, WB
Clonality	Monoclonal ABRA1-01
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q6UWZ7

### Technical Details

Immunogen	Recombinant protein corresponding to amino acids 1-313 of ABRA1 with N-terminal His6 tag. The mouse monoclonal antibody ABRA1-01 recognizes human ABRA1 (Abraxas, CCDC98), an adaptor protein involved in DNA repair, which migrates as a 45 kDa band on PAAGE under reducing conditions.
Isotype	Mouse IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:  
Boster Bio's internal QC testing used Flow cytometry: 1-2  $\mu$ g/ml. Intracellular staining.  
Western blotting: Reducing conditions.

For protocols, please visit <https://www.bosterbio.com/protocol-and-troubleshooting/>

## Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody (M32338) Images

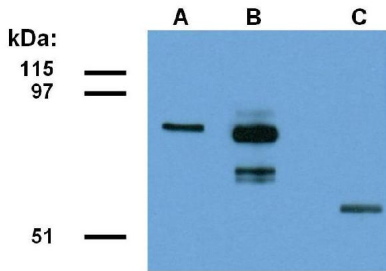


Figure 1. Western blotting validation for Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody M32338

Western blotting detection of ABRA1-EGFP fusion protein in lysate of transfected HEK293 cells.

Lane A: Immunostaining with anti-ABRA1 (clone ABRA1-01)

Lane B: Immunostaining with anti-EGFP (polyclonal)

Lane C: Immunostaining with anti-alpha tubulin (clone TU-01)

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody