

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

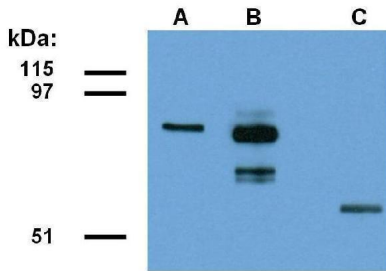
Technical Details

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.
Predicted Reactive Species	Primate
Cross Reactivity	Cross-reactivity with LARGE2 was not determined.
Isotype	Mouse IgG2a kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

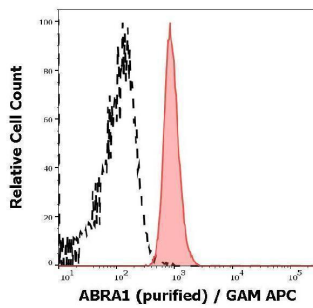
Suggested Dilutions

Flow cytometry: 1-2 ug/ml. Intracellular staining.
Western blotting: Reducing conditions.

Anti-ABRA1 Purified ABRAXAS1 Monoclonal Antibody (M32338) Images



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)



Separation of MOLT-4 cells stained using anti-ABRA1 (ABRA1-01) purified antibody (concentration in sample 9 µg/ml, GAM APC, red-filled) from MOLT-4 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).

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