

30-1431: Anti-ABRA1 Monoclonal Antibody (Clone:ABRA1-01)

Clonality :	Monoclonal
Clone Name :	ABRA1-01
Application :	FACS
Reactivity :	Human
Gene :	ABRAXAS1
Gene ID :	84142
Uniprot ID :	Q6UWZ7
Format :	Purified
Alternative Name :	ABRAXAS1,ABRA1,CCDC98,FAM175A,UNQ496/PRO1013
Isotype :	Mouse IgG
Immunogen Information :	Recombinant protein corresponding to amino acids 1-313 of ABRA1 with N-terminal His6 tag

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml; Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage condition :	Store at 2-8°C. Do not freeze.

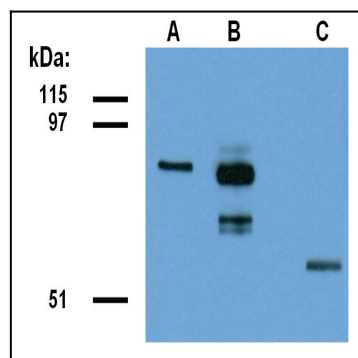


Figure 1: Detection of ABRA1-EGFP fusion protein in lysate of transfected HEK293 cells. Lane A: Immunostaining with anti-ABRA1 (clone ABRA1-01). Lane B: Immunostaining with anti-EGFP (polyclonal). Lane C: Immunostaining with anti-alpha tubulin (clone TU-01)