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

Clonality: Monoclonal **Clone Name:** ABRA1-01 **FACS** Application: Reactivity: Human Gene: ABRAXAS1 Gene ID: 84142 **Uniprot ID:** Q6UWZ7 **Purified** Format:

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.

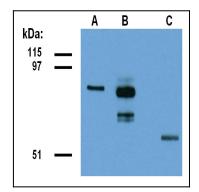


Figure 1: Detection of ABRA1-EGFP fusion protein in lysate of transfected HEK293 cells. Lane A: Immunostaining with anti-ABRA1 (clone ABRA1-01). Lane B: Immunostaining with anti-EGFP (polyclonal). Lane C: Immunostaining with anti-alpha tubulin (clone TU-01)