

**KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI1495****Specification****KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	<a href="#">Q6UWZ7</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 47 kDa , observed, 50 kDa KDa
Gene Name	ABRAXAS1
Aliases	ABRAXAS1; Antibodyraxas 1, BRCA1 A Complex Subunit 2; ABRA1; FAM175A; CCDC98; Family With Sequence Similarity 175 Member A; BRCA1-A Complex Subunit Antibodyraxas 1; Coiled-Coil Domain Containing 98; Antibodyraxas Protein; FLJ13614; ABRAXAS; Family With Sequence Similarity 175, Member A; Coiled-Coil Domain-Containing Protein 98; Protein FAM175A
Immunogen	A synthesized peptide derived from human CCDC98

**KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody - Additional Information**

Gene ID	84142
Other Names	BRCA1-A complex subunit Abraxas 1 {ECO:0000312 HGNC:HGNC:25829}, Coiled-coil domain-containing protein 98, Protein FAM175A, ABRAXAS1 ( <a href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=25829" target="_blank">http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=25829</a> )

**KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody - Protein Information****Name** ABRAXAS1 ([HGNC:25829](#))**Function**

Involved in DNA damage response and double-strand break (DSB) repair. Component of the BRCA1-A complex, acting as a central scaffold protein that assembles the various components of the complex and mediates the recruitment of BRCA1. The BRCA1-A complex specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesion sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at DSBs. This complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX.

## Cellular Location

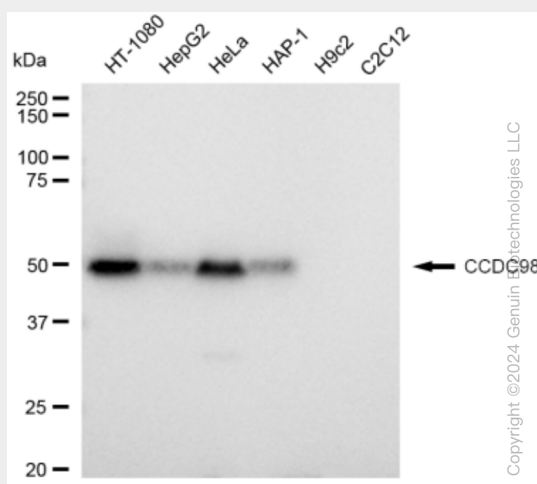
Nucleus Note=Localizes at sites of DNA damage at double-strand breaks (DSBs)

## KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody - Protocols

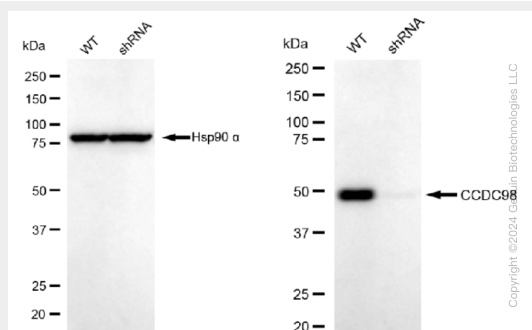
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

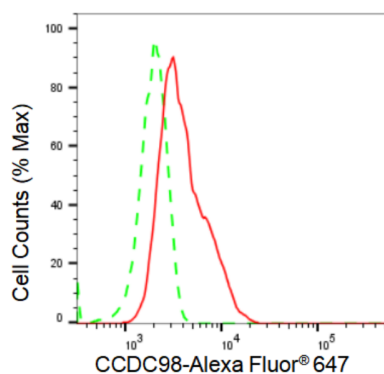
## KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-CCDC98 antibody (Cat#AGI1495). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CCDC98 antibody (Cat#AGI1495, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CCDC98 antibody (Cat#AGI1495). CCDC98 expression in wild type (WT) and CCDC98 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CCDC98 antibody (Cat#AGI1495, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CCDC98 expression in HT-1080 cells using CCDC98 antibody (Cat#AGI1495, 1:2,000). Green, isotype control; red, CCDC98.