

**KD-Validated Anti-DFFA Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI1862****Specification**

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**KD-Validated Anti-DFFA Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	<a href="#">O00273</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 37 kDa, observed, 40 kDa
Gene Name	KDa DFFA
Aliases	DFFA; DNA Fragmentation Factor Subunit Alpha; DFF-45; DFF45; ICAD; DFF1; DNA Fragmentation Factor, 45kDa, Alpha Polypeptide; DNA Fragmentation Factor 45KDa Subunit; Inhibitor Of CAD; DNA Fragmentation Factor, 45 KD, Alpha Polypeptide; DNA Fragmentation Factor, 45 KD, Alpha Subunit
Immunogen	A synthesized peptide derived from human ICAD

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

Gene ID	1676
<b>Other Names</b>	
DNA fragmentation factor subunit alpha, DNA fragmentation factor 45 kDa subunit, DFF-45, Inhibitor of CAD, ICAD, DFFA, DFF1, DFF45	

**KD-Validated Anti-DFFA Rabbit Monoclonal Antibody - Protein Information****Name** DFFA**Synonyms** DFF1, DFF45**Function**

Inhibitor of the caspase-activated DNase (DFF40).

**Cellular Location**

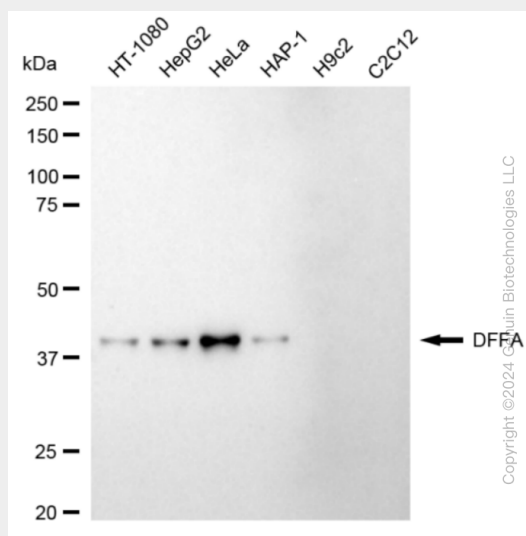
Cytoplasm.

**KD-Validated Anti-DFFA Rabbit Monoclonal Antibody - Protocols**

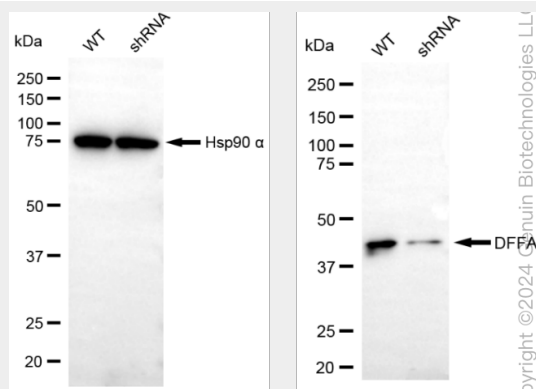
Provided below are standard protocols that you may find useful for product applications.

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

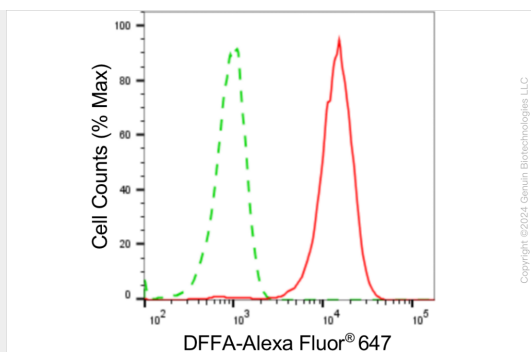
## KD-Validated Anti-DFFA Rabbit Monoclonal Antibody - Images



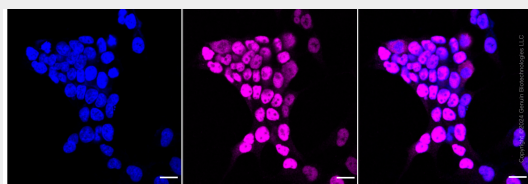
Western blotting analysis using anti-DFFA antibody (Cat#AGI1862). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DFFA antibody (Cat#AGI1862, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-DFFA antibody (Cat#AGI1862). DFFA expression in wild-type (WT) and DFFA shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-DFFA antibody (Cat#AGI1862, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of DFFA expression in HeLa cells using anti-DFFA antibody (Cat#AGI1862, 1:2,000). Green, isotype control; red, DFFA.



Immunocytochemical staining of HeLa cells with DFFA antibody (Cat#AGI1862, 1:1,000). Nuclei were stained blue with DAPI; DFFA was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.