

Datasheet for ABIN7193476
anti-DFFB antibody (AA 1-289)



[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | DFFB |
| Binding Specificity: | AA 1-289 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This DFFB antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC) |

Product Details

| | |
|---------------|---|
| Purpose: | DFFB Antibody |
| Immunogen: | Purified recombinant fragment of human DFFB (AA: 1-289) expressed in E. Coli. |
| Clone: | 3F12D2 |
| Isotype: | IgG1 |
| Purification: | Purified antibody |

Target Details

| | |
|-------------------|--|
| Target: | DFFB |
| Alternative Name: | DFFB (DFFB Products) |
| Background: | Description: |

Target Details

Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene but the biological validity of some of these variants has not been determined. [provided by RefSeq, Sep 2013]

Aliases: CAD, CPAN, DFF2, DFF40, DFF-40

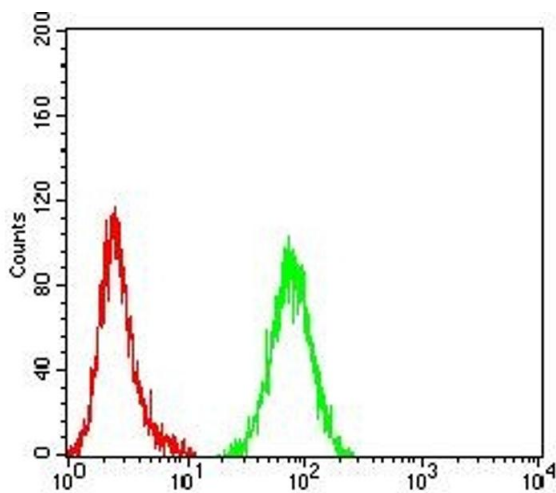
| | |
|-------------------|--|
| Molecular Weight: | 39.1kDa |
| Gene ID: | 1677 |
| UniProt: | O76075 |
| Pathways: | Apoptosis , Caspase Cascade in Apoptosis |

Application Details

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|--------------------|---|
| Application Notes: | ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/500 - 1/2000 |
| Restrictions: | For Research Use only |

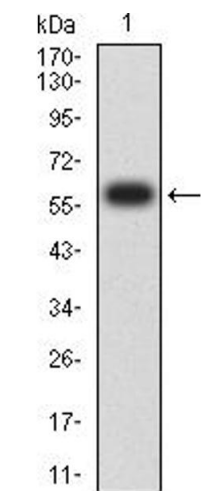
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |



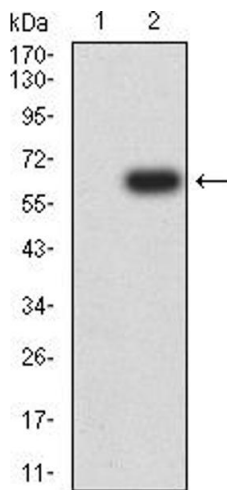
Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using DFFB mouse mAb (green) and negative control (red).



Western Blotting

Image 2. Western blot analysis using DFFB mAb against human DFFB (AA: 1-289) recombinant protein. (Expected MW is 59.4 kDa)



Western Blotting

Image 3. Western blot analysis using DFFB mAb against HEK293 (1) and DFFB (AA: 1-289)-hIgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193476.