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Datasheet for ABIN514956
anti-DFFA antibody (AA 231-331)

4 Images

Overview

Quantity:	100 µg
Target:	DFFA
Binding Specificity:	AA 231-331
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DFFA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant DFFA.
Immunogen:	DFFA (NP_004392.1, 231 a.a. ~ 331 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	TSSDVALASH ILTALREKQA PELSLSSQDL ELVTKEDPKA LAVALNWDIK KTETVQEACE RELALRLQQT QSLHSLRSIS ASKASPPGDL QNPKRARQDP T
Clone:	3A11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	DFFA
Alternative Name:	DFFA (DFFA Products)
Background:	Full Gene Name: DNA fragmentation factor, 45 kDa, alpha polypeptide Synonyms: DFF-45,DFF1,ICAD
Gene ID:	1676
NCBI Accession:	NM_004401
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

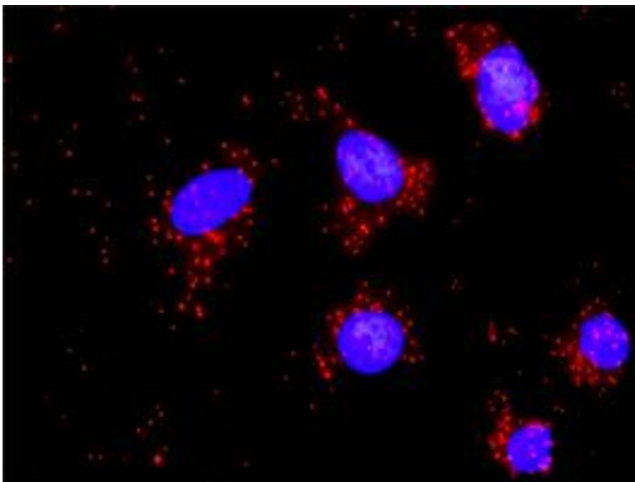
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

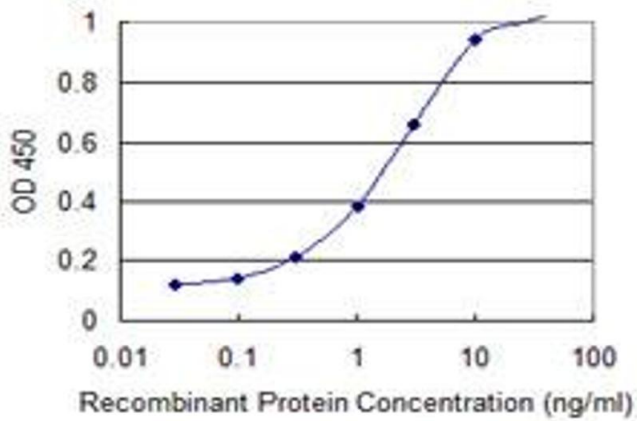
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



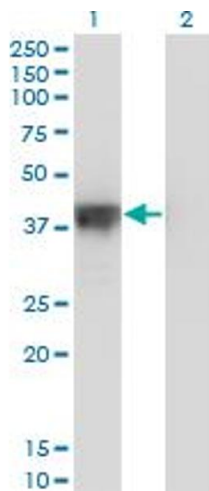
Proximity Ligation Assay

Image 1. Proximity Ligation Analysis of protein-protein interactions between CASP3 and DFFA. HeLa cells were stained with anti-CASP3 rabbit purified polyclonal 1:1200 and anti-DFFA mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA

Image 2. Detection limit for recombinant GST tagged DFFA is 0.1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of DFFA expression in transfected 293T cell line by DFFA monoclonal antibody (M05), clone 3A11.

Lane 1: DFFA transfected lysate (Predicted MW: 36.5 kDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514956.