# CIDE A Antibody FITC Conjugated

Catalog No: #C06930F

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## Description

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| Product Name | CIDE A Antibody FITC Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | IF |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide derived from human CIDE A |
| Conjugates | FITC |
| Target Name | CIDE A |
| Other Names | Cell death activator CIDE A; Cell Death Inducing DFFA Like Effector A; cell death inducing DNA fragmentation factor, alpha subunit like effector A; CIDEA; CIDEA_HUMAN. |
| Accession No. | NCBI Gene ID1149 |
| Uniprot | O60543 |
| GeneID | 1149; |
| Excitation Emission | 494nm 518nm |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

## Application Details

IF=1:50-200

## Background

Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA by activated DNase. DFF45 ICARD has been identified as inhibitor of caspase activated DNase DFF40 CAD. DFF45 related proteins CIDE A and CIDE B (for cell death inducing DFF like effector A and B) were recently identified. CIDE contains a new type of domain termed CIDE N, which has high homology with the regulatory domains of DFF45 ICAD and DFF40 CAD. Expression of CIDE A induces DNA fragmentation and activates apoptosis, which is inhibited by DFF45. CIDE A is a DFF45 inhibitable effector that promotes cell death and DNA fragmentation. CIDE A is expressed in many tissues.

Note: This product is for in vitro research use only