

## AICDA Antibody FITC Conjugated

Catalog No: #C07067F

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## Description

Product Name	AICDA 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 aa 140-190 198 derived from human AICDA
Conjugates	FITC
Target Name	AICDA
Other Names	AID; ARP2; CDA2; HIGM2; HEL-S-284; Single-stranded DNA cytosine deaminase; Activation-induced cytidine deaminase; Cytidine aminohydrolase; AICDA
Accession No.	Swiss-Prot#Q9GZX7NCBI Gene ID57379
Uniprot	Q9GZX7
GeneID	57379;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm, Nucleus
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

Single-stranded DNA-specific cytidine deaminase. Involved in somatic hypermutation, gene conversion, and class-switch recombination in B-lymphocytes. Required for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses. May also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation.

Note: This product is for in vitro research use only