

32-5943: Mouse Anti Human Activation-induced cytidine deaminase(Clone:P2D3AT.)

Clonality :	Monoclonal
Clone Name :	P2D3AT.
Application :	ELISA,WB
Gene :	AICDA
Gene ID :	57379
Uniprot ID :	Q9GZX7
Format :	Purified
Alternative Name :	Activation-induced cytidine deaminase,Cytidine aminohydrolase,AICDA,AID,ARP2,CDA2,HIGM2.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human AICDA mAb, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human AICDA amino acids 1-54 purified from E. coli.

Description

AICDA is an RNA-editing deaminase which belongs to the cytidine deaminase family. AICDA is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in the AICDA gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2).

Product Info

Amount :	20 µg
Purification :	AICDA antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

AICDA antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1,000. Recommended starting dilution is 1:500.