

AICDA monoclonal antibody, clone P2D3AT

Catalog # MAB23651

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human AICDA, clone P2D3AT.
Immunogen	A synthetic peptide corresponding to amino acids 1-54 of human AICDA purified from <i>Escherichia Coli</i> .
Host	Mouse
Form	Liquid
Purification	Protein-G affinity chromatography
Isotype	Mouse IgG1 heavy chain and kappa light chain
Recommend Usage	Western Blot ELISA The Western blot analysis is 1:500 ~ 1,000. Recommended starting dilution is 1:500.
Storage Buffer	In PBS, pH 7.4 and 0.1% Sodium Azide
Storage Instruction	Store at 4°C for 1 month. After reconstitution with 1 mL of deionized water, store at -20°C for 12 months. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — AICDA

Entrez GeneID [57379](#)**Gene Name** AICDA

Gene Alias	AID, ARP2, CDA2, HIGM2
Gene Description	activation-induced cytidine deaminase
Omim ID	605257 605258
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. The protein is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2). [provided by RefSeq]
Other Designations	activation-induced deaminase integrated into Burkitt's lymphoma cell line Ramos

Pathway

- [Primary immunodeficiency](#)

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Immunologic Deficiency Syndromes](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)

- [Severe Combined Immunodeficiency](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)