

Product Name: mAID
Catalog no#: ANT-AB100
Size: 100ug

Product Description or back ground:
The AICDA(Activation-induced cytidine deaminase)is a RNA-editing deaminase involved in somatic hypermutation, gene conversion, and class-switch recombination. It is required for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses. It belongs to the cytidine and deoxycytidylate deaminases family.

Immunogen/Speci.city:
Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of mouse AICDA(Activation-induced cytidine deaminase)

References
Muramatsu,M., et al, J. Biol. Chem. 274
McBride,K.M., et al, Proc. Natl. Acad. Sci. U.S.A. 103 (23), 8798-8803 (2006)
Ramiro,A.R., et al, Nature 440 (7080), 105-109 (2006)
Muto,T., et al, Proc. Natl. Acad. Sci. U.S.A. 103 (8), 2752-2757 (2006)
Yadav,A., et al, Mol. Immunol. 43 (6), 529-541 (2006)
Krause,K., et al, Mol. Immunol. 43 (4), 295-307 (2006)
Wakae,K., et al, Int. Immunol. 18 (1), 41-47 (2006)
Basu,U., et al, Nature 438 (7067), 508-511 (2005)

Cattoretti,G., et al, Cancer Cell 7 (5), 445-455 (2005)

Species:
Mouse

Storage and Stability:
At -20oC

Storage buffer:
This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:
Purified by antigen-specific affinity chromatography.

Applications :
ELISA
Western Blotting (1µg/ml for 2hrs)

For research use only

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