

CDA Rabbit mAb**Catalog No.: A24610****Recombinant****Basic Information****Observed MW**

16 kDa

Calculated MW

16kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, FC (intra), ELISA

Cross Reactivity

Human, Mouse

Clone No.

ARC63546

Background

This gene encodes an enzyme involved in pyrimidine salvaging. The encoded protein forms a homotetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. It is one of several deaminases responsible for maintaining the cellular pyrimidine pool. Mutations in this gene are associated with decreased sensitivity to the cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood leukemias.

Recommended Dilutions**WB** 1:1000 - 1:3000**IHC-P** 1:500 - 1:2000**FC (intra)** 1:50 - 1:100**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information**Gene ID**

978

Swiss-Prot

P32320

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CDD; CDA

Contact | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn**Product Information****Source**

Rabbit

Isotype

IgG

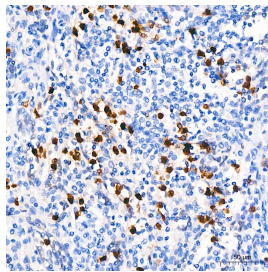
Purity

Affinity purification

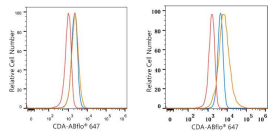
Storage

Store at -20°C

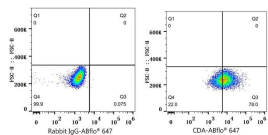
Validation Data



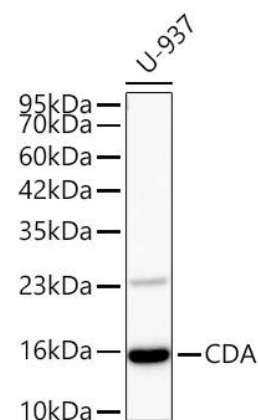
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using CDA Rabbit mAb (A24610) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Flow cytometry: 1×10^6 HEL cells (negative control, left) and HeLa cells (right) were intracellularly-stained with CDA Rabbit mAb (A24610, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, blue line), followed by ABflo® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 HeLa cells were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 2 $\mu\text{g}/\text{mL}$, left) or CDA Rabbit mAb (A24610, 2 $\mu\text{g}/\text{mL}$, right).



Western blot analysis of lysates from U-937 cells using CDA Rabbit mAb (A24610) at 1:2000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10 s.