

**CDA / Cytidine Deaminase Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS17081****Specification**

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**CDA / Cytidine Deaminase Antibody - Product Information**

Application	IHC, IF, WB
Primary Accession	<a href="#">P32320</a>
Other Accession	<a href="#">978</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	16185

**CDA / Cytidine Deaminase Antibody - Additional Information****Gene ID** 978**Other Names**

CDA, Cytidine aminohydrolase, Cytidine deaminase, Small cytidine deaminase, CDD, Cytosine nucleoside deaminase

**Target/Specificity**

Human CDA / Cytidine Deaminase

**Reconstitution & Storage**

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

**Precautions**

CDA / Cytidine Deaminase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CDA / Cytidine Deaminase Antibody - Protein Information****Name** CDA ([HGNC:1712](#))**Synonyms** CDD**Function**

This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.

**Tissue Location**

Highly expressed in granulocytes while expression is very low in fibroblasts, chondrocytes, monocytes, and T- as well as B-cell lines

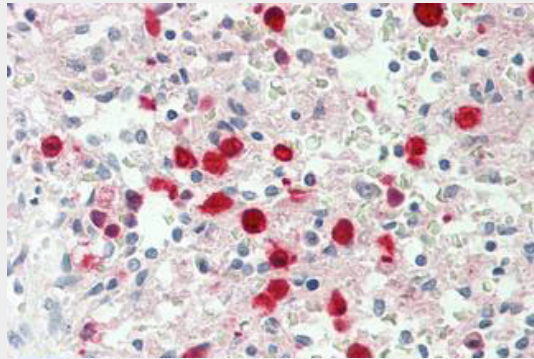
**Volume**  
50  $\mu$ l

### **CDA / Cytidine Deaminase Antibody - Protocols**

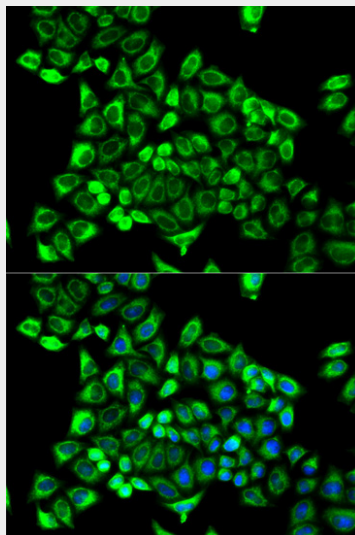
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

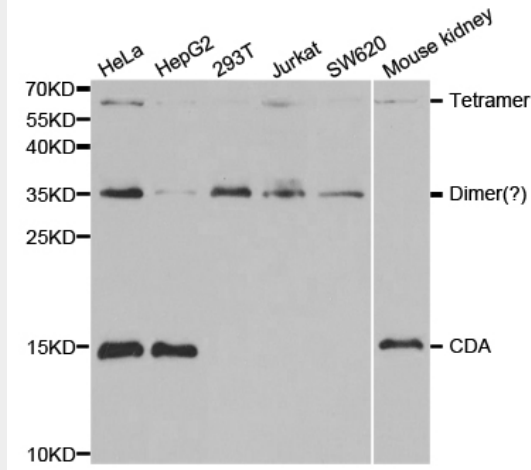
### **CDA / Cytidine Deaminase Antibody - Images**



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of MCF-7 cell using CDA antibody. Blue: DAPI for nuclear staining



Western blot analysis of extracts of various cell lines, using CDA antibody.

### **CDA / Cytidine Deaminase Antibody - Background**

This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.

### **CDA / Cytidine Deaminase Antibody - References**

- Laliberte J., et al. *Cancer Res.* 54:5401-5407(1994).
- Demontis S., et al. *Biochim. Biophys. Acta* 1443:323-333(1998).
- Gran C., et al. *Blood* 91:4127-4135(1998).
- Gregory S.G., et al. *Nature* 441:315-321(2006).
- Kuhn K., et al. *Biochem. Biophys. Res. Commun.* 190:1-7(1993).