

**CDA Antibody (Center)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM2218b****Specification**

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**CDA Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P32320</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	16185

**CDA Antibody (Center) - Additional Information****Gene ID** 978**Other Names**

Cytidine deaminase, Cytidine aminohydrolase, CDA, CDD

**Target/Specificity**

Purified His-tagged CDA protein was used to produced this monoclonal antibody.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CDA Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CDA Antibody (Center) - Protein Information****Name** CDA ([HGNC:1712](#))**Synonyms** CDD**Function** This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.

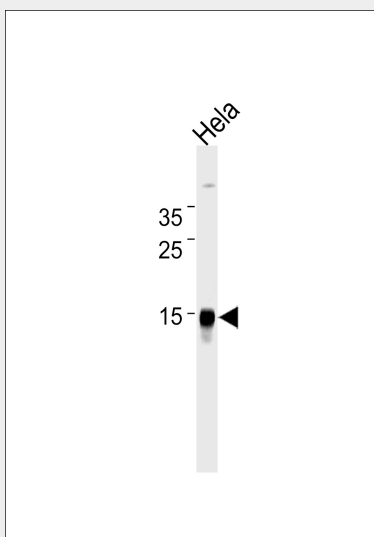
**Tissue Location**

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

**CDA Antibody (Center) - 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 Antibody (Center) - Images**

CDA Antibody (Center)(Cat. #AM2218b) western blot analysis in HeLa cell line lysates (35µg/lane). This demonstrates the CDA antibody detected the CDA protein (arrow).

**CDA Antibody (Center) - Background**

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

**CDA Antibody (Center) - 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).