

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

Specification

CDA Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P32320
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

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

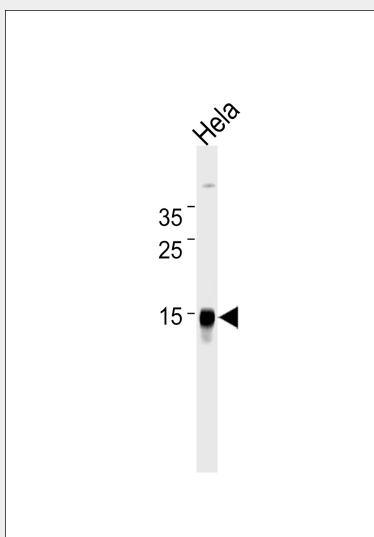
Highly expressed in granulocytes while expression is very low in fibroblasts, chondrocytes, monocytes, and T- as well as B-cell lines

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

- Labiberte 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).