

# CDA Antibody (Center)

Mouse Monoclonal Antibody (Mab)

Catalog # AM2218b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P32320</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone Names</b>	921CT14.2.1
<b>Calculated MW</b>	16185

## Additional Information

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<b>Gene ID</b>	978
<b>Other Names</b>	Cytidine deaminase, Cytidine aminohydrolase, CDA, CDD
<b>Target/Specificity</b>	Purified His-tagged CDA protein was used to produced this monoclonal antibody.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	CDA Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CDA ( <a href="#">HGNC:1712</a> )
<b>Synonyms</b>	CDD
<b>Function</b>	This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.
<b>Tissue Location</b>	Highly expressed in granulocytes while expression is very low in fibroblasts, chondrocytes, monocytes, and T- as well as B-cell lines

## Background

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

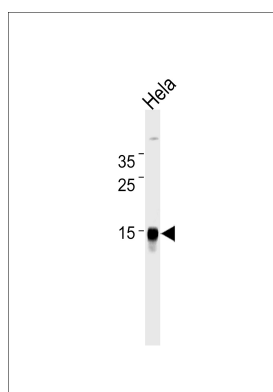
## References

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Gran C., et al. Blood 91:4127-4135(1998).  
Gregory S.G., et al. Nature 441:315-321(2006).  
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## Images

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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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.