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CDA Antibody (Center)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2218b

Product Information

Application	WB, E
Primary Accession	P32320
Reactivity	Human
Predicted	Mouse, Rat, Bovine
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	921CT14.2.1
Calculated MW	16185

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.

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

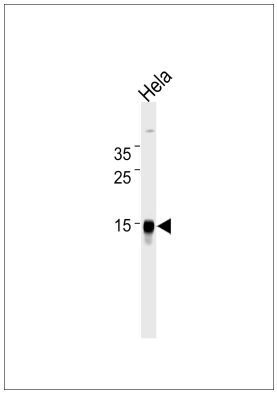
Background

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

References

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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).
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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).

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