



# Mouse anti-Human CECR1 monoclonal antibody, clone 4E22 (CABT-B9941)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	CECR1 (NP_059120, 402 a.a. ~ 512 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4E22
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IP,sELISA,ELISA
<b>Sequence Similarities</b>	DIPIEVCPISNQVLKLVSDLRNHPVATLMATGHPMVISSDDPAMFGAKGLSYDFYEVFMG IGGMKADLRTLKQLAMNSIKYSTLLESEKNTFMEIWKKRWKFIADVATK*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of a subfamily of the adenosine deaminase protein family. The encoded protein is one of two adenosine deaminases found in humans, which regulate levels of
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the signaling molecule, adenosine. The encoded protein is secreted from monocytes undergoing differentiation and may regulate cell proliferation and differentiation. This gene may be responsible for some of the phenotypic features associated with cat eye syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

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<b>Keywords</b>	CECR1; cat eye syndrome chromosome region, candidate 1; PAN; ADA2; ADGF; IDGFL; SNEDS; adenosine deaminase CECR1; adenosine deaminase 2; cat eye syndrome critical region protein 1;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">51816</a>
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<b>UniProt ID</b>	<a href="#">Q9NZK5</a>
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<b>Function</b>	adenosine deaminase activity; adenosine receptor binding; growth factor activity; growth factor activity; heparin binding; hydrolase activity; metal ion binding; protein homodimerization activity; proteoglycan binding; zinc ion binding
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