



# Mouse anti-Human CAPN11 monoclonal antibody, clone 3H3 (CABT-B9896)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	CAPN11 (NP_008989, 557 a.a. ~ 652 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>	3H3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	sELISA, ELISA
<b>Sequence Similarities</b>	LLNRMAIKFKSFKTKGFLDACRCMINLMDKDGSGKGLLEFKILWKKLKKWMDIFRECD QDHSGTTLNSYEMRLVIEKAGIKLNNKVMQVLVARY*
<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>	Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this superfamily. They consist of a variable 80 kDa subunit and an invariant
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30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis. [provided by RefSeq, Dec 2008]

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**Keywords** CAPN11; calpain 11; calpain11; calpain-11; CANP 11; calcium-activated neutral proteinase 11;

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## GENE INFORMATION

Entrez Gene ID	<a href="#">11131</a>
UniProt ID	<a href="#">Q9UMQ6</a>
Pathway	Integrin-mediated cell adhesion, organism-specific biosystem
Function	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity; peptidase activity

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