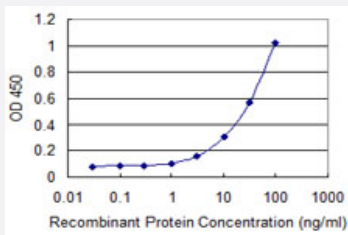


CAPN11 monoclonal antibody (M04), clone 2G2

Catalog # H00011131-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAPN11 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CAPN11.
Immunogen	CAPN11 (NP_008989, 557 a.a. ~ 651 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LLNRMAIKFKSFKTKGFGLDACRCMINLMDKDGSGKLGLEFKILWKKLKKWMDIFRECDQDHSG TLNSYEMRLVIEKAGIKLNNKVMQVLVARY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (73)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAPN11 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CAPN11

Entrez GeneID	11131
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GeneBank Accession#	NM_007058
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Protein Accession#	NP_008989
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Gene Name	CAPN11
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Gene Alias	calpain11
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Gene Description	calpain 11
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Omim ID	604822
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Gene Ontology	Hyperlink
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Gene Summary	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 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]
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Other Designations	OTTHUMP00000039887 calcium-activated neutral proteinase 11
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