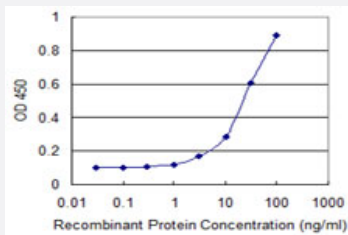


CYR61 monoclonal antibody (M06), clone 3C11

Catalog # H00003491-M06

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CYR61 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CYR61.
Immunogen	CYR61 (AAH16952.1, 25 a.a. ~ 381 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TCPAACHCPLAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKGLECNFGASSTA LKGICRAQSEGRPCYNSRIYQNGESFQPNCKHQCTCIDGAVGCIPLCPQELSLPNLGCPNPRLV KVTGQCCEEWVCDDEDSIKDPMEDQDGLLGKELGFDASEVELTRNNELIAVGKGSSSLKRLPVFG MEPRILYNPLQGQKCIVQTTWSQCSKTCGTGISTRVTNDNPECLRVKETRICEVRPCGQPVYSSL KKGKKCSKTKKSPEPVRFITYAGCLSVKKYRPHYCGSCVDGRCCTPQLTRTVKMRFRCEGETF SKNVMMIQSCKCNYNCPHANEAAFPFYRLFNDIHKFRD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
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 CYR61 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CYR61

Entrez GeneID[3491](#)**GeneBank Accession#**[BC016952](#)**Protein Accession#**[AAH16952.1](#)**Gene Name**

CYR61

Gene Alias

CCN1, GIG1, IGFBP10

Gene Description

cysteine-rich, angiogenic inducer, 61

Omim ID[602369](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

CYR61 is a secreted, cysteine-rich, heparin-binding protein encoded by a growth factor-inducible immediate-early gene. Acting as an extracellular, matrix-associated signaling molecule, CYR61 promotes the adhesion of endothelial cells through interaction with integrin and augments growth factor-induced DNA synthesis in the same cell type.[supplied by OMIM]

Other Designations

OTTHUMP00000012303|cysteine-rich heparin-binding protein 61|cysteine-rich, angiogenic inducer, 61

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Ovarian Neoplasms](#)