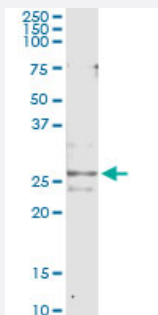


CFC1 monoclonal antibody (M09), clone 2G4

Catalog # H00055997-M09

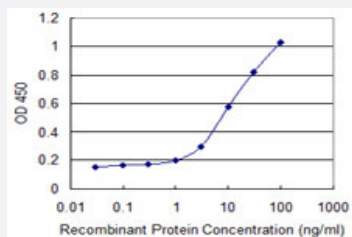
Size 100 ug

Applications



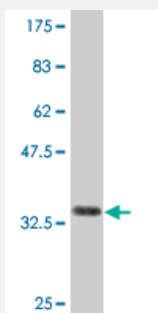
Immunoprecipitation

Immunoprecipitation of CFC1 transfected lysate using anti-CFC1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CFC1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CFC1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.11 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CFC1.

Immunogen	CFC1 (NP_115934.1, 27 a.a. ~ 93 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QREKHNGGREEVTKVATQKHRQSPLNWTSSHFGEVTGSAEGWGPPEEPLPYSRAFGEGASARP RCCRN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (54); Rat (55)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.11 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CFC1 transfected lysate using anti-CFC1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CFC1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CFC1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CFC1

Entrez GeneID

[55997](#)

GeneBank Accession#	NM_032545
Protein Accession#	NP_115934.1
Gene Name	CFC1
Gene Alias	CRYPTIC, FLJ77897, HTX2, MGC133213
Gene Description	cripto, FRL-1, cryptic family 1
Omim ID	217095 605194 605376
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the epidermal growth factor (EGF)- Cripto, Frl-1, and Cryptic (CFC) family. EGF-CFC family member proteins share a variant EGF-like motif, a conserved cysteine-rich domain, and a C-terminal hydrophobic region. These proteins play key roles in intercellular signaling pathways during vertebrate embryogenesis. Mutations in this gene can cause autosomal visceral heterotaxy. This protein is involved in left-right asymmetric morphogenesis during organ development. [provided by RefSeq]
Other Designations	cryptic

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Heart Defects](#)
- [Heart Septal Defects](#)