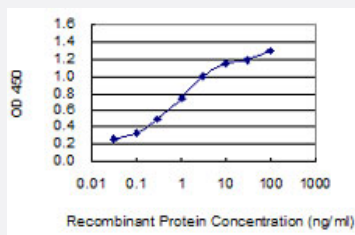


ECT2 monoclonal antibody (M01), clone 5D4

Catalog # H00001894-M01

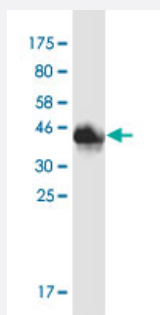
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ECT2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ECT2.

Immunogen

ECT2 (AAH06838.1, 46 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

LPKENWLKMLCRHVANTICKADAENLIYTADPESFEVNTKMDSTLSRASRAIKKTSKKVTRAFSF
SKTPKRALRRALMTSHGSVEGRSPSSNDKHMVMSR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (86); Rat (85)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ECT2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ECT2

Entrez GeneID	1894
GeneBank Accession#	BC006838.1
Protein Accession#	AAH06838.1
Gene Name	ECT2
Gene Alias	FLJ10461, MGC138291
Gene Description	epithelial cell transforming sequence 2 oncogene
Omim ID	600586
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a transforming protein that is related to Rho-specific exchange factors and yeast cell cycle regulators. The expression of this gene is elevated with the onset of DNA synthesis and remains elevated during G2 and M phases. In situ hybridization analysis showed that expression is at a high level in cells undergoing mitosis in regenerating liver. Thus, this protein is expressed in a cell cycle-dependent manner during liver regeneration, and is thought to have an important role in the regulation of cytokinesis. [provided by RefSeq]

Other Designations

epithelial cell transforming sequence 2 oncogene protein

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)