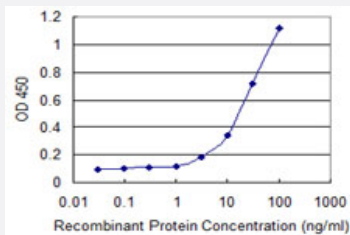


RCN1 monoclonal antibody (M02), clone 4D9-G3

Catalog # H00005954-M02

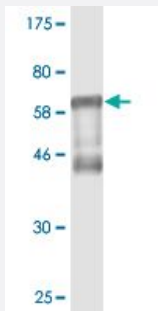
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RCN1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (58.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant RCN1.

Immunogen

RCN1 (AAH10120, 31 a.a. ~ 331 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

PTVRKERVVRPDSELGERPPEDNQSFQYDHEAFLGKEDSKTFDQLTPDESKERLGKMDRIDND
GDGFVTTEELKTWIKRVQKRYIFDNVAKVWKDYDRDKDDKISWEEYKQATYGYYLGNP AEFHDSS
DHHTFKKMLPRDERRFKAADLNGDLTATREEFTAFHPEEF EHMKEIVLETLEDIDKNGDGFVD
QDEYIADMF SHEENGPEPDWVLSEREQFNEFRDLNKGKLDKDEIRHWLPQDYDHAQAEARHL
VYESDKNKDEKLTKEEILENWNMFVGSQATNYGEDLTKNHDEL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (58.63 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 RCN1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RCN1

Entrez GeneID	5954
GeneBank Accession#	BC010120
Protein Accession#	AAH10120
Gene Name	RCN1
Gene Alias	FLJ37041, PIG20, RCAL, RCN
Gene Description	reticulocalbin 1, EF-hand calcium binding domain
Omim ID	602735
Gene Ontology	Hyperlink

Gene Summary

Reticulocalbin 1 is a calcium-binding protein located in the lumen of the ER. The protein contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. High conservation of amino acid residues outside of these motifs, in comparison to mouse reticulocalbin, is consistent with a possible biochemical function besides that of calcium binding. In human endothelial and prostate cancer cell lines this protein localizes to the plasma membrane

Other Designations

proliferation-inducing gene 20|reticulocalbin 1