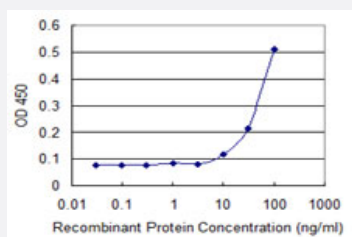


RECQL monoclonal antibody (M07), clone 4D5

Catalog # H00005965-M07

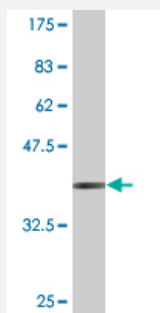
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RECQL is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RECQL.

Immunogen

RECQL (NP_116559.1, 549 a.a. ~ 648 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

FLIQQLKEDYSFTAYATISYLKIGPKANLLNNEAHAITMQVTKSTQNSFRAESSQTCHSEQGDKKM
EEKNSGNFQKKAANMLQQSGSKNTGAKKRKIDD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (68); Rat (65)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 RECQL is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RECQL

Entrez GeneID	5965
GeneBank Accession#	NM_032941
Protein Accession#	NP_116559.1
Gene Name	RECQL
Gene Alias	RECQL1, RecQ1
Gene Description	RecQ protein-like (DNA helicase Q1-like)
Omim ID	600537
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the RecQ DNA helicase family. DNA helicases are enzymes involved in various types of DNA repair, including mismatch repair, nucleotide excision repair and direct repair. Some members of this family are associated with genetic disorders with predisposition to malignancy and chromosomal instability. The biological function of this helicase has not yet been determined. Two alternatively spliced transcripts, which encode the same isoform but differ in their 5' and 3' UTRs, have been described. [provided by RefSeq]

Other Designations

ATP-dependent DNA helicase Q1|DNA helicase Q1-like|RecQ protein-like

Disease

- [Ataxia telangiectasia](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)