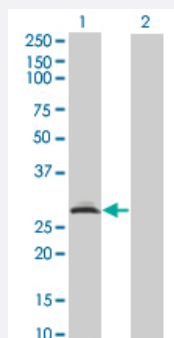


RAD1 monoclonal antibody (M01A), clone 1G2

Catalog # H00005810-M01A

Size 200 uL

Applications

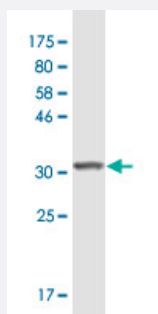


Western Blot (Transfected lysate)

Western Blot analysis of RAD1 expression in transfected 293T cell line by RAD1 monoclonal antibody (M01A), clone 1G2.

Lane 1: RAD1 transfected lysate(32.43 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RAD1.
Immunogen	RAD1 (AAH06837, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPLL TQQIQDEDDQYSLVASLDNVRNLSTILKAIHFREHATCFATKNGIKVTVENAKCVQANAFIQA GIFQEFKVQEESVTFRINLTVLL
Host	Mouse
Reactivity	Human
Isotype	IgG3 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.53 KDa) .

Storage Buffer

In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RAD1 expression in transfected 293T cell line by RAD1 monoclonal antibody (M01A), clone 1G2.

Lane 1: RAD1 transfected lysate(32.43 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RAD1

Entrez GeneID

[5810](#)

GeneBank Accession#

[BC006837](#)

Protein Accession#

[AAH06837](#)

Gene Name

RAD1

Gene Alias

HRAD1, REC1

Gene Description

RAD1 homolog (S. pombe)

Omim ID

[603153](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a component of a heterotrimeric cell cycle checkpoint complex, known as the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. The 9-1-1 complex is recruited by RAD17 to affected sites where it may attract specialized DNA polymerases and other DNA repair effectors. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq]

Other Designations

DNA repair exonuclease REC1|OTTHUMP00000115992|RAD1 homolog|Rad1-like DNA damage checkpoint|cell cycle checkpoint protein Hrad1|checkpoint control protein HRAD1|exonuclease homolog RAD1

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Narcolepsy](#)