

Datasheet

RAD54L monoclonal antibody (M01), clone 4G2

Catalog Number: H00008438-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant RAD54L.

Clone Name: 4G2

Immunogen: RAD54L (NP_003570, 638 a.a. ~ 747 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

KKALSSCVVDEEQDVERHFSLGELKELFILDEASLSDT
HDLRHCRRCVNSRQIRPPPDGSDCTSDLAGWNHCTD
KWGLRDEVLQAAWDAASTAITFVFHQRSHEEQRGLR

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG3 Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 8438

Gene Symbol: RAD54L

Gene Alias: HR54, RAD54A, hHR54, hRAD54

Gene Summary: The protein encoded by this gene belongs to the DEAD-like helicase superfamily, and shares similarity with *Saccharomyces cerevisiae* Rad54, a protein known to be involved in the homologous

recombination and repair of DNA. This protein has been shown to play a role in homologous recombination related repair of DNA double-strand breaks. The binding of this protein to double-strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA paring, and stimulate DNA recombination. Alternative splicing results in multiple transcript variants encoding the same protein]