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RAD51L3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant RAD51L3.
Catalog # AT3551a

Product Information

Application	WB, E
Primary Accession	O75771
Other Accession	BC014422
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1C8-3C12
Calculated MW	35049

Additional Information

Gene ID	5892
Other Names	DNA repair protein RAD51 homolog 4, R51H3, RAD51 homolog D, RAD51-like protein 3, TRAD, RAD51D, RAD51L3
Target/Specificity	RAD51L3 (AAH14422, 1 a.a. ~ 328 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RAD51L3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

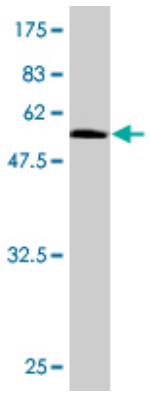
Background

The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Several alternatively spliced transcript variants of this gene have been described, but the biological validity of some of them has not been determined.

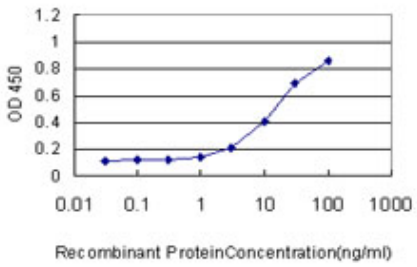
References

Variation within DNA repair pathway genes and risk of multiple sclerosis. Briggs FB, et al. Am J Epidemiol, 2010 Jul 15. PMID 20522537.Comprehensive screen of genetic variation in DNA repair pathway genes and postmenopausal breast cancer risk. Monsees GM, et al. Breast Cancer Res Treat, 2010 May 23. PMID 20496165.Polymorphic variants in hereditary pancreatic cancer genes are not associated with pancreatic cancer risk. McWilliams RR, et al. Cancer Epidemiol Biomarkers Prev, 2009 Sep. PMID 19690177.Genetic polymorphisms in 85 DNA repair genes and bladder cancer risk. Michiels S, et al. Carcinogenesis, 2009 May. PMID 19237606.The RAD51D E233G variant and breast cancer risk: population-based and clinic-based family studies of Australian women. Dowty JG, et al. Breast Cancer Res Treat, 2008 Nov. PMID 18058226.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (61.82 KDa) .



Detection limit for recombinant GST tagged RAD51L3 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.