Datasheet for ABIN6146644

anti-RAD51C antibody (AA 1-135)

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1 Image

Overview

Quantity:	100 µL
Target:	RAD51C
Binding Specificity:	AA 1-135
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51C antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human RAD51C (NP_002867.1).
Sequence:	MRGKTFRFEM QRDLVSFPLS PAVRVKLVSA GFQTAEELLE VKPSELSKEV GISKAEALET LQIIRRECLT NKPRYAGTSE SHKKCTALEL LEQEHTQGFI ITFCSALDDI LGGGVPLMKT TEICGAPGVG KTQLW
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RAD51C

Target Details

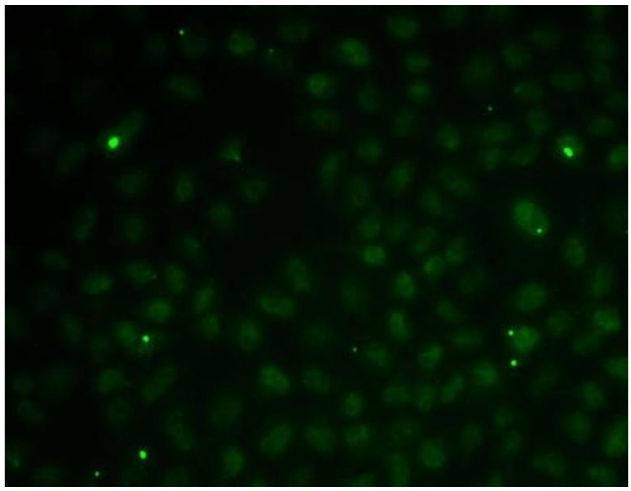
Alternative Name:	RAD51C (RAD51C Products)
Background:	This gene is a member of the RAD51 family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51 and are known to be involved in the homologous recombination and repair of DNA. This protein can interact with other RAD51 paralogs and is reported to be important for Holliday junction resolution. Mutations in this gene are associated with Fanconi anemia-like syndrome. This gene is one of four localized to a region of chromosome 17q23 where amplification occurs frequently in breast tumors. Overexpression of the four genes during amplification has been observed and suggests a possible role in tumor progression. Alternative splicing results in multiple transcript variants.,RAD51C,BROVCA3,FANCO,R51H3,RAD51L2,Epigenetics & Nuclear Signaling,DNA Damage & Repair,RAD51C
Molecular Weight:	14 kDa/42 kDa
Gene ID:	5889
UniProt:	O43502
Pathways:	DNA Damage Repair

Application Details

Application Notes:	IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using RC antibody (ABIN6132580, ABIN6146644, ABIN6146647 and ABIN6216132).

