

RAD51C Rabbit Polyclonal Antibody



CAB12487

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

14kDa/42kDa

Applications:

IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

5889

Uniprot

O43502

Synonyms:

RAD51C; BROVCA3; FANCO; R51H3; RAD51L2

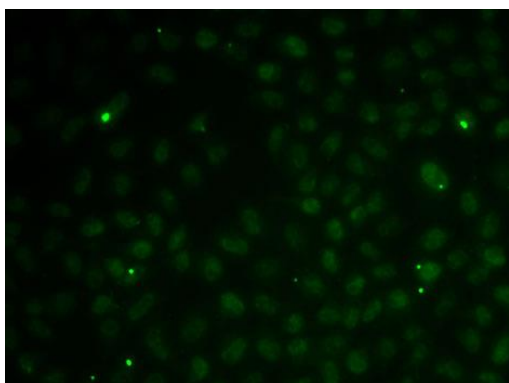
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human RAD51C (NP_002867.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of MCF7 cells using RAD51C antibody (CAB12487).