Anti-RAD51C Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101185

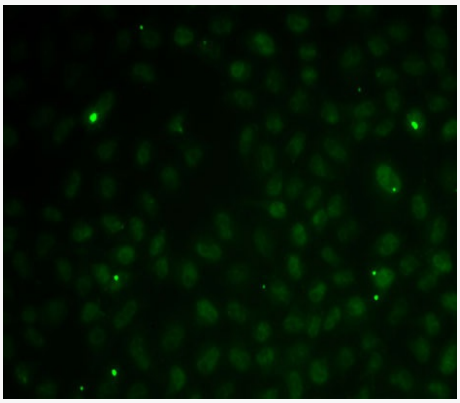
Product Information

Application	IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	IF/ICC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human RAD51C (NP_002867.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-RAD51C Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	FANCO; R51H3; BROVCA3; RAD51L2; RAD51C.
Calculated MW	Calculated MW: 42 kDa
Uniprot ID	O43502
Gene ID	5889
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.

Validation Images



Immunofluorescence analysis of MCF7 cells using RAD51C Rabbit pAb (P101185).Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution.