

BRCA1(C61G)

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货号: 26319

基因符号: BRCA1, BRCC1, IRIS, PNCA4, PPP1R53, PSCP

描述: BRCA1(C61G) 小鼠单克隆抗体

背景: BRCA1 is normally expressed in cells of breast and other tissues, where it helps repair damaged DNA or destroy cells if DNA cannot be repaired. It is involved in the repair of chromosomal damage with an important role in the error-free repair of DNA double-strand breaks. If BRCA1 itself is damaged by a BRCA1 mutation, damaged DNA is not repaired properly, and this increases the risk for breast cancer.

免疫原: A synthetic peptide from the internal region of BRCA1 which includes the mutation of C61G, human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释度:

ELISA: 1:1000-1:2000

WB: 1:500-1:1000

IHC: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

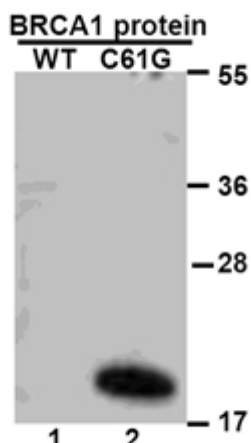
纯化: Purified from ascites

Preservative: No

成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes C61G mutant, but not wild type BRCA1 of vertebrates.

储存条件: Store at -20°C. Avoid repeated freezing and thawing



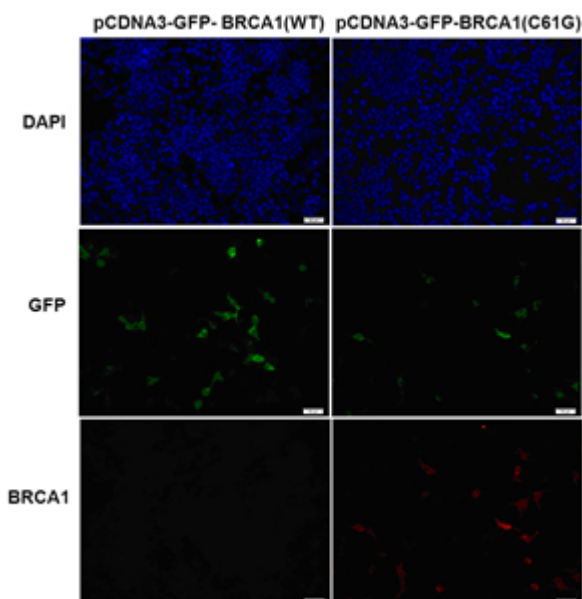
WB: anti-BRCA1 (C61G) mAb

Western blot:

Western blot analysis of recombinant BRCA1(C61G) and wild type proteins.

Purified His-tagged BRCA1(C61G) protein (lane2) and corresponding wild type protein (lane1) were blotted with BRCA1(C61G) monoclonal antibody (货号26319).

Immunofluorescence:



Immunofluorescence of cells expressing BRCA1 proteins with BRCA1(C61G) antibody.

HEK293T cells were transfected with pCDNA3-GFP-BRCA1 (WT) plasmid (left column) or pCDNA3-GFP-BRCA1(C61G) plasmid (right column), then fixed and stained with BRCA1(C61G) monoclonal antibody (货号26319).