Phospho BRCA1 (S1423) Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-008A

Lot No. A300-008A-4

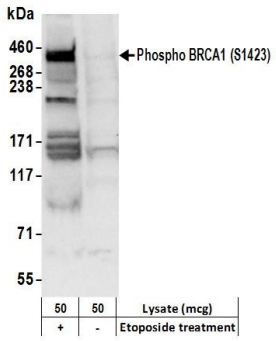
Protein ID NP_009225.1

GeneID 672

APPLICATIONS	WB
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Monkey, Gorilla and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Phospho BRCA1 (S1423) immobilized on solid support. Immunogen for A300-008A was a phosphorylated synthetic peptide, which represented a portion of human Breast Cancer Gene 1 (GeneID 672) around serine 1423 according to the numbering given in entry NP_009225.1. Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:5,000 - 1:25,000
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. US Patents 6,162,897, 5,753,411
ADDITIONAL INFO	https://www.bethyl.com/product/A300-008A Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human Phospho BRCA1 (S1423) by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa cells treated with 100 µM etoposide for 4 hours (+) or mock treated (-) cells.*Antibody:* Affinity purified rabbit anti-Phospho BRCA1 (S1423) antibody A300-008A (lot A300-008A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.