

BRCA1 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_009225.1

Catalog No. IHC-00278

GeneID 672

Lot No. IHC-00278-2

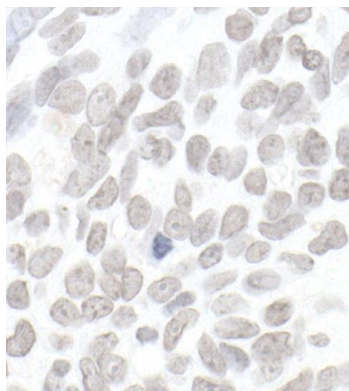


APPLICATIONS	IHC, IHC-IF
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan, Gorilla, Chimpanzee, Northern white-cheeked gibbon, Bornean orangutan, Agile gibbon and Brown-headed spider monkey
ISOTYPE	IgG
AMOUNT	100 µl
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to BRCA1 immobilized on solid support.</p> <p>The epitope recognized by IHC-00278 maps to a region between residue 700 and 750 of human breast cancer 1 using the numbering given in entry NP_009225.1 (GeneID 672).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.</p> <p>Immunofluorescence 1:50 – 1:500 (IHC)</p>
APPLICATION NOTES	<p>Epitope exposure is recommended.</p> <p>Epitope exposure with citrate buffer will enhance staining.</p> <p>Likely to work with frozen sections.</p> <p>In some cases, the antibody may be diluted further than indicated.</p>
IHC HUMAN CONTROLS	Breast Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Prostate Carcinoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/IHC-00278</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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

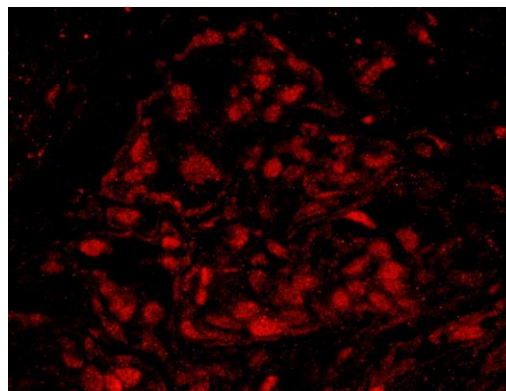
Eric McIntush, PhD | Chief Scientific Officer

Date: April 3, 2019

**Detection of human BRCA1 by immunohistochemistry.**

Sample: FFPE section of human breast carcinoma.

Antibody: Affinity purified rabbit anti-BRCA1 (Cat. No. IHC-00278 lot 2) used at 1:250. *Detection:* DAB.

**Detection of human BRCA1 by immunohistochemistry.**

Sample: FFPE section of human breast carcinoma.

Antibody: Affinity purified rabbit anti-BRCA1 (Cat. No. IHC-00278) used at a dilution of 1:100. *Detection:* Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.