



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

H2AX Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_002096.1
Catalog No. A300-082A-T	Uniprot ID	P16104
Lot No. 3	GeneID	3014

APPLICATIONS	WB, IHC, ICC, ICC-IF
SPECIES REACTIVITY	Human, Mouse
AMOUNT	10 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 H2AX immobilized on solid support.

The epitope recognized by A300-082A maps to the C-terminus of human histone H2AX using the numbering given for Swiss-Prot entry P16104 (GeneID 3014).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

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	1:2000 – 1:10,000
Immunohistochemistry	1:1000 – 1:5000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:1000 – 1:5000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunofluorescence (ICC)	1:200 – 1:1000. Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells.

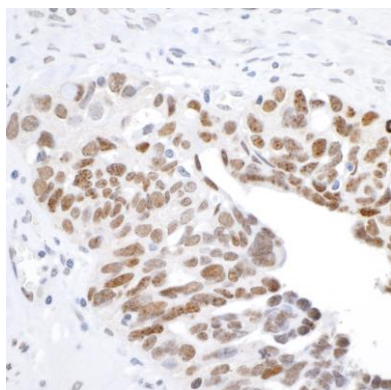
IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma, HCT 116 Cells

IHC MOUSE CONTROLS CT26 cells, RenCa Cells

ADDITIONAL INFO <https://www.fortislife.com/p/A300-082A-T>

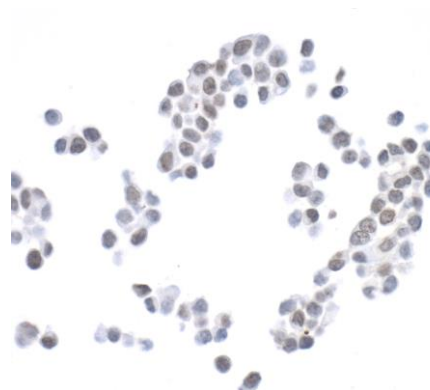
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: January 31, 2024



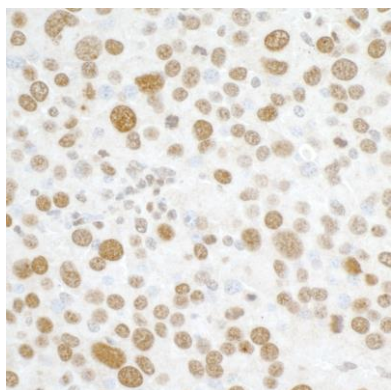
Detection of human H2AX by immunohistochemistry.

Sample: FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-H2AX (Cat. No. A300-082A lot 3) used at a dilution of 1:5,000 (0.2 µg/ml). *Detection:* DAB



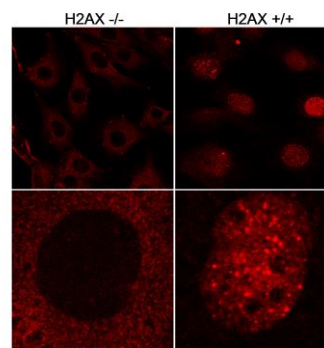
Detection of human H2AX by immunohistochemistry.

Sample: FFPE section of HCT 116 cell line. *Antibody:* Affinity purified rabbit anti-H2AX (Cat. No. A300-082A lot 3) used at a dilution of 1:5,000 (0.2 µg/ml). *Detection:* DAB



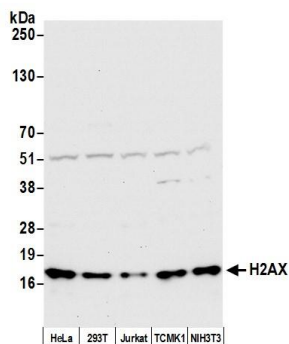
Detection of mouse H2AX by immunohistochemistry.

Sample: FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-H2AX (Cat. No. A300-082A lot 3) used at a dilution of 1:5,000 (0.2 µg/ml). *Detection:* DAB



Detection of mouse H2AX by immunocytochemistry.

Samples: Asynchronous wild-type (+/+) and H2AX knockout (-/-) mouse embryonic fibroblasts. *Antibody:* Affinity purified rabbit anti-H2AX antibody A300-082A used at 2 µg/ml. *Detection:* Rhodamine labelled goat anti-rabbit IgG.

**Detection of human and mouse H2AX by western blot.**

Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-H2AX antibody A300-082A (lot A300-082A-3) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.