



# 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

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## Datasheet

### H2AX (phospho S139) recombinant monoclonal antibody

**Catalog Number:** RAB02688

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against H2AX.

**Immunogen:** Original antibody is raised against recombinant H2AX.

**Theoretical MW (kDa):** 15

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody detects endogenous levels of Histone H2A.X protein only when phosphorylated at Ser139.

**Form:** Liquid

**Purification:** Protein A purification

**Isotype:** IgG

**Recommend Usage:** Immunohistochemistry (1:50-1:200)  
Western Blot (1:1000-1:5000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)

**Storage Instruction:** Store at 4°C short term.  
Aliquot and store at -20°C long term.  
Avoid freeze-thaw cycles.

**Entrez GeneID:** 3014

**Gene Symbol:** H2AFX

**Gene Alias:** H2A.X, H2A/X, H2AX

**Gene Summary:** Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq]