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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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H2AFX monoclonal antibody (M05), clone 3F4

Catalog # : H00003014-M05

規格 : [100 ug]

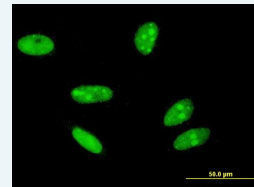
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant H2AFX.
Immunogen:	H2AFX (AAH04915, 1 a.a. ~ 143 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGGHYAERVGAG APVYLAADVLEYLTAEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLLG GVITIAQGGVLPNIQAVLLPKKTSATVGPKAPSGGKKATQASQEY
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

Immunofluorescence



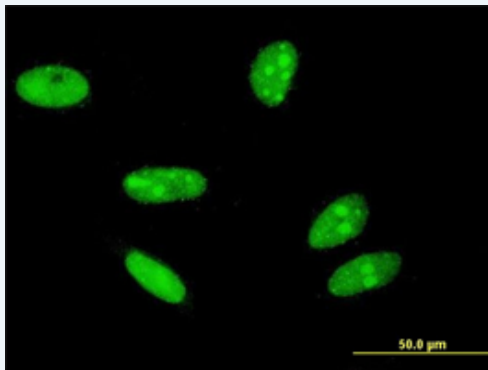
 [enlarge](#)

Sandwich ELISA (Recombinant protein)

ELISA


Applications

Immunofluorescence




 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to H2AFX on HeLa cell . [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged H2AFX is approximately 10ng/ml as a capture antibody.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3014](#)

GeneBank Accession#: [BC004915](#)

Protein Accession#: [AAH04915](#)

Gene Name: H2AFX

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

Gene Description: H2A histone family, member X

Omim ID: [601772](#)

Gene Ontology: [Hyperlink](#)

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]

Other Designations: H2AX histone

Gene Pathway

[Systemic lupus erythematosus](#)

Related Disease

[Azoospermia](#) [Breast cancer](#) [Breast Neoplasms](#) [DNA Damage](#)
[Genetic Predisposition to Disease](#) [Lymphoma](#) [Non-Hodgkin Oligospermia](#) [Ovarian cancer](#)
[Prostate cancer](#) [Prostatic Neoplasms](#) [Urinary Bladder Neoplasms](#)