

Histone H2A.X (Phospho-Ser139) Conjugated Antibody

Catalog No: #C14241

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Package Size: #C14241-AF350 100ul #C14241-AF405 100ul #C14241-AF488 100ul

#C14241-AF555 100ul #C14241-AF594 100ul #C14241-AF647 100ul

#C14241-AF680 100ul #C14241-AF750 100ul #C14241-Biotin 100ul

Description

Product Name	Histone H2A.X (Phospho-Ser139) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-Histone H2A.X (S139) Antibody detects endogenous levels of total Phospho-Histone H2A.X (S139)
Immunogen Description	A synthesized peptide derived from human Phospho-Histone H2A.X (S139)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X;
Accession No.	Uniprot:P16104
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	15kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Note: This product is for in vitro research use only