

# Product Information



## H2AX Phospho-Ser 139 (1H2) Monoclonal Antibody

Cat No: G01106 - 100 µL

### General Data

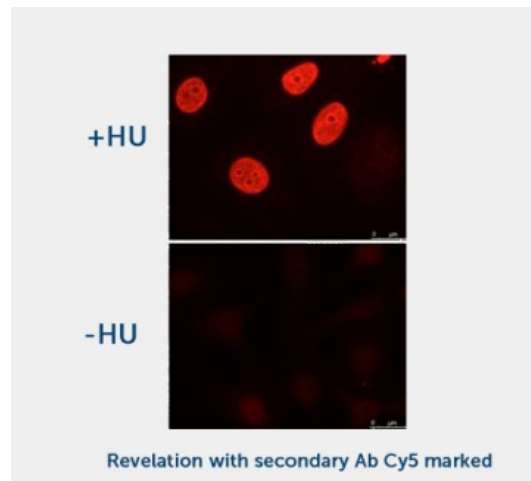
<b>Shipping:</b>	wet ice
<b>Formulation:</b>	Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles
<b>Host:</b>	mouse
<b>Antigen:</b>	Recombinant TLF protein
<b>Clone:</b>	14HH2-1H2
<b>Isotype:</b>	IgG1, κ

<b>Application(s):</b>	ELISA
	Western Blot
	Immunocytochemistry
	Recommended dilutions: 1/500-1/5000

<b>Specificity:</b>	mouse and human Histone H2 phosphorylated on Ser 139
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### Product Overview

DNA double strand break (DSB) are leading to the early phosphorylation of Histone H2AX. Phosphorylated Gamma-H2AX is the first step in the recruitment of the DNA repair protein at the foci site. They are consequently very good biomarkers of DNA double strand break as well as check point for cell cycle arrest following DSB. Measuring gamma-H2AX phosphorylation has become a gold standard in DNA damage and repair for DSB events.



FP/03/24

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