

Anti-Histone H2A.X H2AFX Rabbit Monoclonal Antibody

Catalog Number: M00241-1

About H2AFX

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

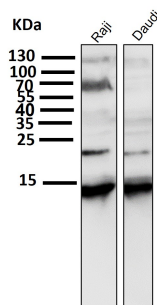
Product Name	Anti-Histone H2A.X H2AFX Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Histone H2A.X H2AFX Rabbit Monoclonal Antibody catalog # M00241-1. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal BIA-8
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P16104

Technical Details

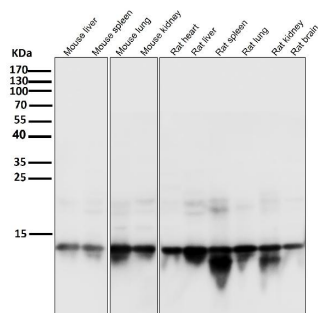
Immunogen	A synthesized peptide derived from human Histone H2A.X
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
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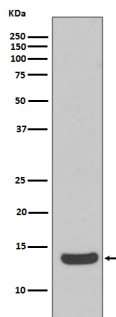
Anti-Histone H2A.X H2AFX Rabbit Monoclonal Antibody (M00241-1) Images



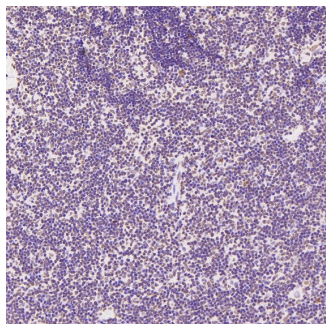
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

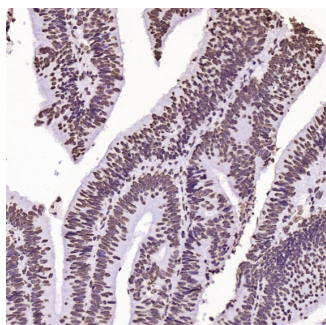
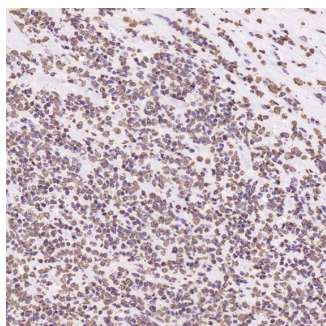


Western blot analysis of Histone H2A.X expression in Raji cell lysates.

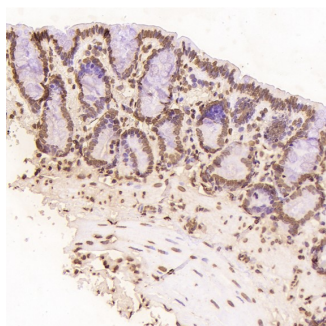


Immunohistochemical analysis of paraffin-embedded Rat pancreas, using the Antibody at 1:500 dilution.

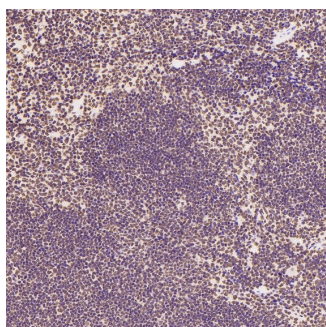
Immunohistochemical analysis of paraffin-embedded Human Hodgkin's Lymphoma, using the Antibody at 1:250 dilution.



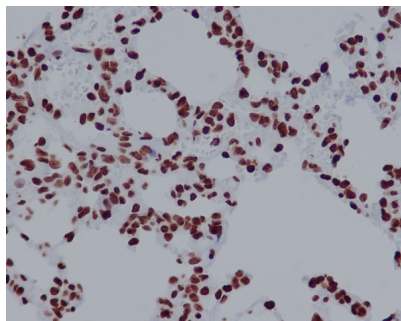
Immunohistochemical analysis of paraffin-embedded Human colon cancer, using the Antibody at 1:1000 dilution.



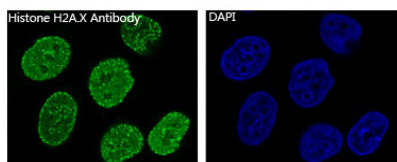
Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse spleen, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded rat lung, using Histone H2A.X Antibody.



Immunofluorescent analysis of HeLa cells, using Histone H2A.X Antibody .

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