

# H4K20me2 Monoclonal Antibody (GT282)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	GT282
Conjugate	Unconjugated
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Histone H4K20me2 (dimethyl Lys20).
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2787141

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-
ChIP assay (ChIP)	Assay-dependent	-
Dot blot (DB)	1:500	-

## Product Specific Information

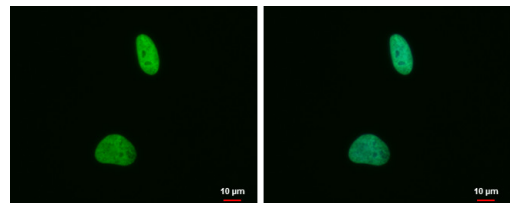
Keep as concentrated solution.

Predicted reactivity: Mouse (100%), Xenopus laevis (100%).

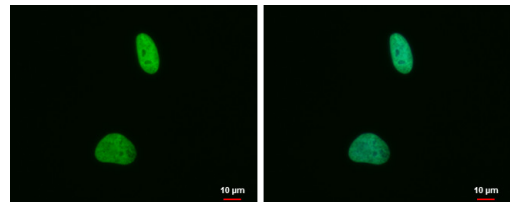
Positive Control: HeLa.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

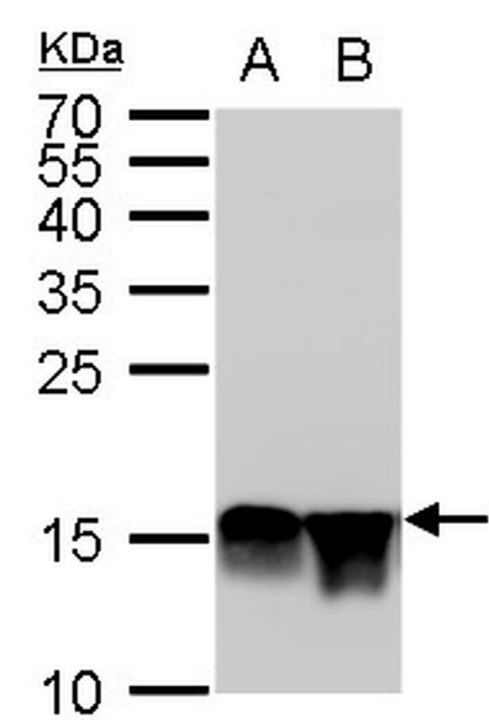
Product Images For H4K20me2 Monoclonal Antibody (GT282)



**H4K20me2 Antibody (MA5-31510) in ICC/IF**  
Histone H4 (di-Methyl Lys20) antibody [GT282] detects Histone H4 (di-Methyl Lys20) protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Histone H4 (di-Methyl Lys20) protein stained by Histone H4 (di-Methyl Lys20) antibody [GT282] (Product # MA5-31510) diluted at 1:500. Blue: Hoechst 33342 staining.



**H4K20me2 Antibody (MA5-31510) in ICC/IF**  
Immunocytochemistry analysis of Di-Methyl-Histone H3 (Lys20) in 4% paraformaldehyde-fixed HeLa cells using Di-Methyl-Histone H3 (Lys20) monoclonal antibody (Product # MA5-31510) at a dilution of 1:500. Sample was then incubated with Hoechst secondary antibody.



**H4K20me2 Antibody (MA5-31510) in WB**  
Histone H4 (di methyl Lys20) antibody [GT282] detects Histone H4 (di methyl Lys20) protein by western blot analysis. A. 30 µg HeLa whole cell lysate/extract. B. 30 µg HeLa nuclear lysate/extract. Histone H4 (di methyl Lys20) antibody [GT282] H4K20me2 Monoclonal Antibody (GT282) (Product # MA5-31510) dilution: 1:5,000.

View more figures on [thermofisher.cn](https://thermofisher.cn)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.