

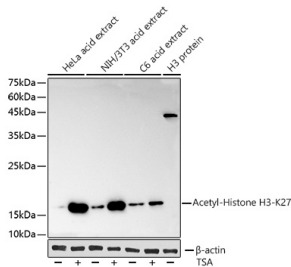
## Anti-Histone H3 (acetyl Lys27) Antibody [ARC53670] (A14181)

### Specifications:

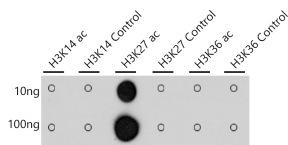
Name:	Anti-Histone H3 (acetyl Lys27) Antibody [ARC53670]
Description:	Rabbit monoclonal antibody to Histone H3 (acetyl Lys27).
Applications:	WB, IHC, ICC/IF, IP, ChIP, Dot Blot
Recommended Dilutions:	DB: 1:500-1:1,000, WB: 1:500-1:1,000, IHC: 1:500-1:1,000, IP: 1:10,000-1:60,000, ICC/IF: 1:50-1:200, ChIP: 1:10,000-1:60,000, CUT&Tag: 16 cells/2 $\mu$ g
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic acetylated peptide around K27 of human Histone H3 (P68431).
Sequence:	AARKS
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC53670
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	17 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.05% Proclin 300.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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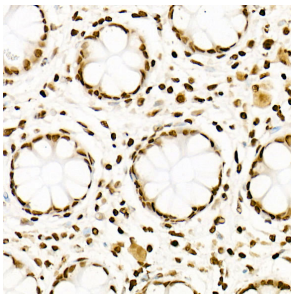
### Images:



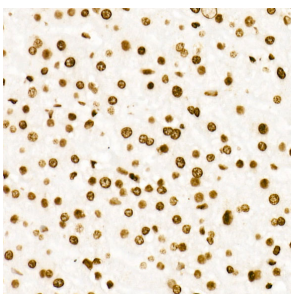
Western blot analysis of extracts of various cell lines, using Anti-Histone H3 (acetyl Lys27) Antibody [ARC53670] (A14181) at 1:1,000 dilution. HeLa NIH/3T3 and C6 cells were treated by TSA (1  $\mu$ M) at 37°C for 18 hours. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 180s.



Dot blot analysis of a mixture of peptides using Anti-Histone H3 (acetyl Lys27) Antibody [ARC53670] (A14181) at a 1:1,000 dilution.



Immunohistochemistry analysis of paraffin-embedded human colon tissue using Anti-Histone H3 (acetyl Lys27) Antibody [ARC53670] (A14181) at a dilution of 1:1,000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using Anti-Histone H3 (acetyl Lys27) Antibody [ARC53670] (A14181) at a dilution of 1:1,000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.