

## Histone H3K27me3 (Tri-methyl Lys27) antibody

Cat. No. GTX121184

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, Dot, EM
Reactivity	Human, Mouse, Rat, Zebrafish

Reference ( 11 )

★★★★☆ Review ( 3 )

Package

100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IHC-Wm	1:100-1:500
Dot	Assay dependent
EM	Assay dependent

Not tested in other applications.

## PROPERTIES

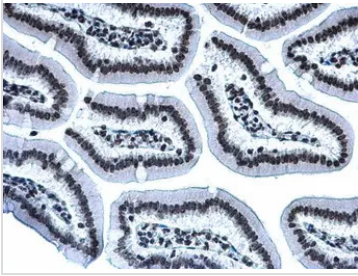
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding tri-methyl Lys27 of human Histone H3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

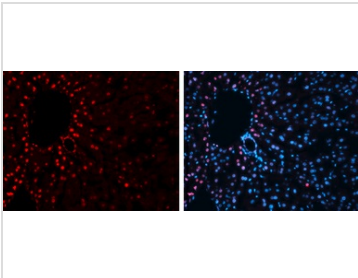
**DATA IMAGES**

**GTX121184 IHC-P Image**

Histone H3K27me3 (trimethyl Lys27) antibody detects Histone H3K27me3 (trimethyl Lys27) protein at nucleus on mouse duodenum by immunohistochemical analysis.

Sample: Paraffin-embedded mouse duodenum.

Histone H3K27me3 (trimethyl Lys27) antibody (GTX121184) diluted at 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

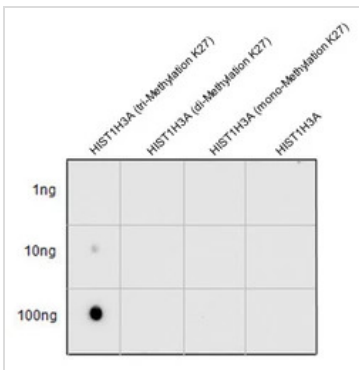

**GTX121184 IHC-Fr Image**

Immunofluorescence photomicrographs of frozen sections of mouse liver.

Red: Histone H3K27me3 (trimethyl Lys27) antibody (GTX121184) diluted at 1:200. The signal was developed using goat anti-rabbit IgG antibody (Dylight594) (GTX213110-05).

Blue: Nuclear staining with Hoechst 33342.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTX121184 Dot Image**

Various peptide samples were spotted onto positively charged nylon membrane, and blotted with Histone H3 (tri-Methyl Lys27) antibody (GTX121184) diluted at 1:2500.



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