

## Anti-Di/Tri-methyl-Histone H4 (Lys20) Antibody (6V35)

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	6V35
Purification:	Protein G purified

## Applications

Verified Activity:	1. Tissue: Human neuroblastoma	
	Section type: Formalin fixed & Paraffin-embedded section	
	Retrieval method: High temperature and high pressure	
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:100	
	Primary ab incubation condition: 1 hour at room temperature	
	Secondary ab: SP Kit (Mouse)	
	Counter stain: Hematoxylin (Blue)	
	Comment: Color brown is the positive signal for TMAB-05139	
	2. Blocking buffer: 5% NFDN/TBST	
	Primary ab dilution: 1: 2000	
Application:	Primary ab incubation condition: 2 hours at room temperature	
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)	
	Lysate: HeLa, N2a, BRL, Mouse spleen, Mouse kidney, rH4	
	Protein loading quantity: 20 µg	
	Exposure time: 30 s	
	Predicted MW: 11 kDa	
	Observed MW: 11 kDa	
	WB,IHC-P,IHC-Fr,IF	
	Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Gene ID:	8359
----------	------

## Research Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481