

## Anti-Formyl-Histone H2B type 2E (Lys117) Antibody (4J557)

### Product Details

|                   |                                      |
|-------------------|--------------------------------------|
| Ig Type:          | IgG                                  |
| Reactivity:       | Human,Mouse                          |
| Molecular Weight: | Theoretical: 14 kDa. Actual: 14 kDa. |
| Clone:            | 4J557                                |
| Purification:     | Protein A purified                   |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | Western blot analysis of HeLa cell lysate. Using Formyl-Histone H2B type 2E (Lys117) (TMAB-06108) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. |
| Application:       | WB,ICC/IF  |
| Recommended        | WB: 1:1000-2000; ICC/IF: 1:50-200  |

### 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

|                  |  |
|------------------|--|
| Immunogen:       | A synthesized peptide: human Histone H2B type 2E around the formylation site of K117 |
| Antigen Species: | Human  |
| Gene ID:         | 8349   |
| Uniprot ID:      | Q16778   |

### Research Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**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