

## Recombinant Phospho-Histone H3 (Thr3) Monoclonal Antibody

catalog number: AN300645L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

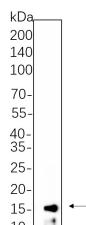
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	A synthetic peptide corresponding to residues around (Thr3) of Human Phospho-Histone H3
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B580
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

	<b>Recommended Dilution</b>
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200
CHIP	1:50-1:100
Cut&Tag	1:50-1:100

### Data



Western Blot with Recombinant Phospho-Histone H3 (Thr3) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

HeLa cell lysate.

**Observed-MW:15 kDa**

**Calculated-MW:15 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

#### For Research Use Only

Toll-free: 1-888-852-8623

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Rev. V1.2

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

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