

## Anti-CBX7 Antibody (9A943)

### Product Details

|                   |                                      |
|-------------------|--------------------------------------|
| Ig Type:          | IgG                                  |
| Reactivity:       | Human                                |
| Molecular Weight: | Theoretical: 28 kDa. Actual: 30 kDa. |
| Clone:            | 9A943                                |
| Purification:     | Protein A purified                   |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | 25 µg total protein per lane of various lysates (see on figure) probed with CBX7 monoclonal antibody, unconjugated (TMAB-03723) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. |
| Application:       | WB,FCM   |
| Recommended        | WB: 1:500-2000; FCM: 1:50-100  |

### 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 CBX7 |
| Antigen Species: | Human                             |
| Gene ID:         | 23492                             |
| Uniprot ID:      | O95931                            |

### Research Background

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

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

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

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