

**CBX3 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant CBX3.

Catalog # AT1410a

**Specification**

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**CBX3 Antibody (monoclonal) (M01) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB, IF, E                |
| Primary Accession | <a href="#">Q13185</a>   |
| Other Accession   | <a href="#">BC000954</a> |
| Reactivity        | Human                    |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG2a kappa              |
| Calculated MW     | 20811                    |

**CBX3 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 11335

**Other Names**

Chromobox protein homolog 3, HECH, Heterochromatin protein 1 homolog gamma, HP1 gamma, Modifier 2 protein, CBX3

**Target/Specificity**

CBX3 (AAH00954, 1 a.a. ~ 183 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

E~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

CBX3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

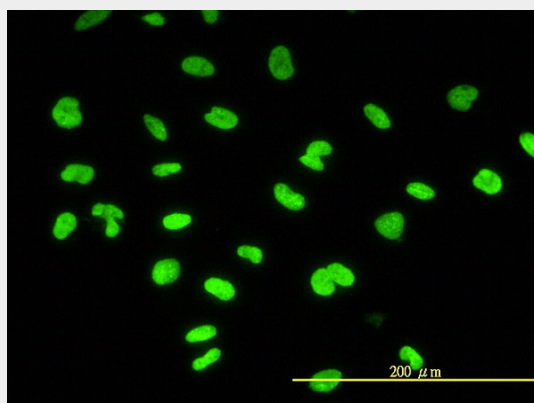
**CBX3 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

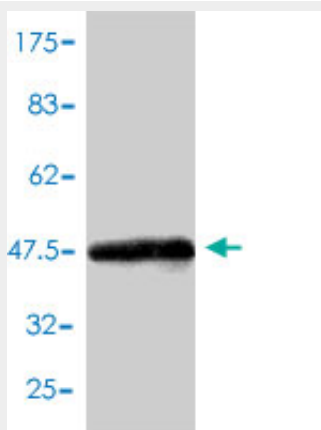
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

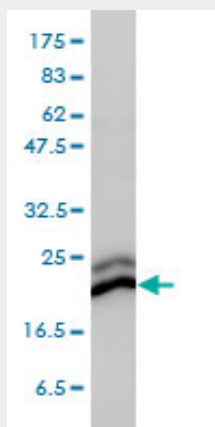
### CBX3 Antibody (monoclonal) (M01) - Images



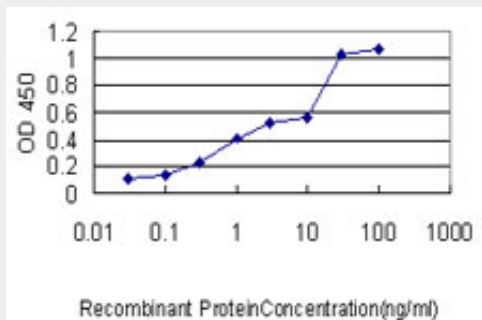
Immunofluorescence of monoclonal antibody to CBX3 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.87 KDa) .



CBX3 monoclonal antibody (M01), clone 1G12-1D9 Western Blot analysis of CBX3 expression in HeLa ( (Cat # AT1410a )



Detection limit for recombinant GST tagged CBX3 is approximately 0.03ng/ml as a capture antibody.

#### **CBX3 Antibody (monoclonal) (M01) - References**

1. Loss of the candidate tumor suppressor BTG3 triggers acute cellular senescence via the ERK-JMJD3-p16(INK4a) signaling axis. Lin TY, Cheng YC, Yang HC, Lin WC, Wang CC, Lai PL, Shieh SY. *Oncogene*. 2011 Oct 24. doi: 10.1038/onc.2011.491.