

## Product datasheet for **TA800493BM**

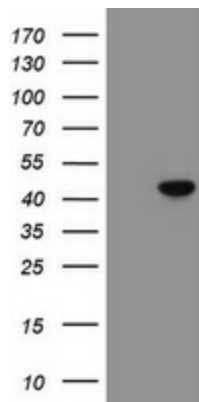
### CBX8 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2B2]

#### Product data:

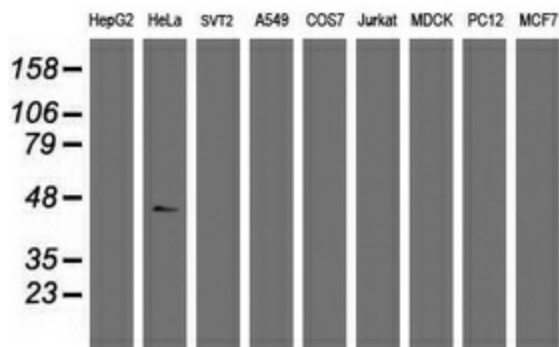
|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                                                                                                                            |
| Clone Name:             | OTI2B2                                                                                                                                                                        |
| Applications:           | IHC, WB                                                                                                                                                                       |
| Recommended Dilution:   | WB 1:2000, IHC 1:150                                                                                                                                                          |
| Reactivity:             | Human, Mouse, Rat                                                                                                                                                             |
| Host:                   | Mouse                                                                                                                                                                         |
| Isotype:                | IgG1                                                                                                                                                                          |
| Clonality:              | Monoclonal                                                                                                                                                                    |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 1-260 of human CBX8 (NP_065700) produced in E.coli.                                                           |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.                                                                                                                                 |
| Concentration:          | 0.5 mg/ml                                                                                                                                                                     |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)                                                                     |
| Conjugation:            | HRP                                                                                                                                                                           |
| Storage:                | Store at -20°C as received.                                                                                                                                                   |
| Stability:              | Stable for 12 months from date of receipt.                                                                                                                                    |
| Predicted Protein Size: | 43.2 kDa                                                                                                                                                                      |
| Gene Name:              | chromobox 8                                                                                                                                                                   |
| Database Link:          | <a href="#">NP_065700</a><br><a href="#">Entrez Gene 30951 Mouse</a> <a href="#">Entrez Gene 303731 Rat</a> <a href="#">Entrez Gene 57332 Human</a><br><a href="#">Q9HC52</a> |
| Synonyms:               | PC3; RC1                                                                                                                                                                      |
| Protein Families:       | Transcription Factors                                                                                                                                                         |



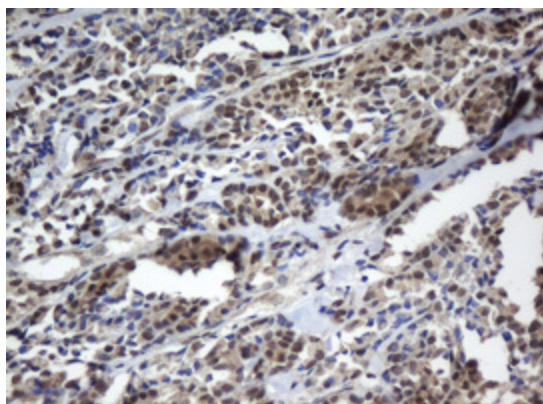
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**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CBX8 ([RC203417], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CBX8. Positive lysates [LY412158] (100ug) and [LC412158] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CBX8 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-CBX8 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800493])