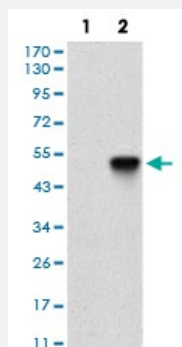


# TERF2 monoclonal antibody, clone 3H6B4

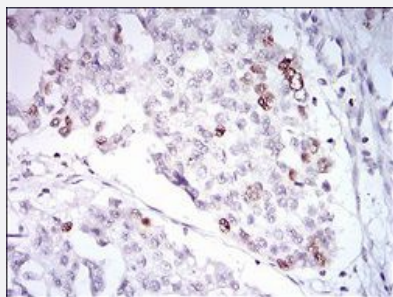
Catalog # MAB17790      Size 100 ug

## Applications



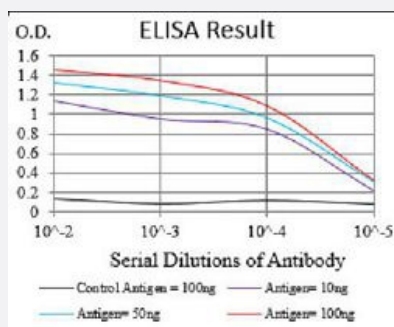
### Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) TERF2-hlgGfc transfected HEK293 cell lysate with TERF2 monoclonal antibody.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded ovarian cancer tissue with TERF2 monoclonal antibody.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TERF2 monoclonal antibody, clone 3H6B4.

## Specification

### Product Description

Mouse monoclonal antibody raised against recombinant human TERF2.

### Immunogen

Recombinant protein corresponding to amino acids 324-500 of human TERF2 from *E. coli*.

|                      |                                                                                                                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                 | Mouse                                                                                                                                                                                                |
| Theoretical MW (kDa) | 55.6                                                                                                                                                                                                 |
| Reactivity           | Human                                                                                                                                                                                                |
| Form                 | Liquid                                                                                                                                                                                               |
| Isotype              | IgG1                                                                                                                                                                                                 |
| Recommend Usage      | ELISA (1:10000)<br>Flow Cytometry<br>Immunocytochemistry<br>Immunohistochemistry (1:200-1:1000)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer       | In PBS (0.05% sodium azide).                                                                                                                                                                         |
| Storage Instruction  | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                               |
| Note                 | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                               |

## Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) TERF2-hlgGfc transfected HEK293 cell lysate with TERF2 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded ovarian cancer tissue with TERF2 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TERF2 monoclonal antibody, clone 3H6B4.

## Gene Info — TERF2

|                  |                                   |
|------------------|-----------------------------------|
| Entrez GeneID    | <a href="#">7014</a>              |
| Gene Name        | TERF2                             |
| Gene Alias       | TRBF2, TRF2                       |
| Gene Description | telomeric repeat binding factor 2 |

Omim ID [602027](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq]

**Other Designations** telomeric repeat binding protein 2

## Disease

- [Anemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)