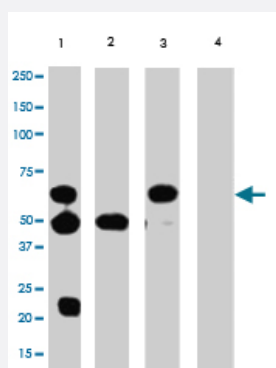


TERF2 monoclonal antibody, clone 4A794.15

Catalog # MAB0074 Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation (IP) / Western Blot (WB) Analysis of TERF2 in HL-60 cells : (Lane 1) IP with mouse TERF2 monoclonal antibody, clone 4A794.15 (Cat # MAB0074) . (Lane 2) IP with control mouse IgG. (Lane 3) IP with goat anti-TRF2. (Lane 4) IP with pre-immune goat Ig. (Lanes 1-4) WB with TERF2 monoclonal antibody, clone 4A794.15 (Cat # MAB0074) . TRF2 is detected as an ~ 66 kD protein.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant TERF2.
Immunogen	Recombinant protein corresponding to full length human TERF2.
Host	Mouse
Reactivity	Deer, Human, Mouse, Rat
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Immunoprecipitation (IP) / Western Blot (WB) Analysis of TERF2 in HL-60 cells : (Lane 1) IP with mouse TERF2 monoclonal antibody, clone 4A794.15 (Cat # MAB0074) . (Lane 2) IP with control mouse IgG. (Lane 3) IP with goat anti-TRF2. (Lane 4) IP with pre-immune goat Ig. (Lanes 1-4) WB with TERF2 monoclonal antibody, clone 4A794.15 (Cat # MAB0074) . TRF2 is detected as an ~ 66 kD protein.

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — TERF2

Entrez GeneID	7014
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

Publication Reference

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Application: IF, Human, ICF, WI-38 cells

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Application: IF, WB-Tr, Human, HEK 293T cells

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Application: IF, IP, WB-Ce, Human, HeLa, HT-1080 cells, Human primary normal fibroblast BJ cells

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Application: IF, IHC-Fr, Human, HeLa, HIO107 cells, Human liposarcomas

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Nils Hartmann, Harry Scherthan.

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Application: IF, Deer, Deer chromosomes

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Application: IF, IHC-P, WB-Ce, Human, Human breast tissues, Human mammary epithelial cells, MDA-MB-468, T-47D cells

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Application: IF, Human, Human mammary epithelial cells

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Application: IF, WB-Tr, Human, Human fibroblasts, IMR90 cells

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Application: WB, Human, HT-1080, HTC75 cells

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Application: IF, Human, U-2 osteosarcoma cells

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Application: IP, WB-Tr, Human, HTC75 cells

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Application: IF, WB-Tr, Human, HeLa, HTC75 cells

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Application: ChIP, WB-Ce, WB-Tr, Human, Raji, ZKO-293 cells

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Application: IF, WB-Tr, Human, GM00847, GM01161, WI38 cells

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Application: ELISA, IF, IP-WB, Human, HeLa, U2OS cells

- [Telomeric proteins regulate episomal maintenance of Epstein-Barr virus origin of plasmid replication.](#)

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Application: ChIP, WB-Ce, WB-Tr, Human, HEK 293, HeLa, Raji, SL1 cells

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Application: WB-Tr, Human, HTC75, WI-38 cells

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Application: IF, Human, WI38 75.1 fibroblasts

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Application: IF, IHC-Fr, Human, Mouse, Human testes, Mouse Mouse spermatocytes

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](#)