

Product datasheet for **CF800535**

ZSCAN4 Mouse Monoclonal Antibody [Clone ID: OTI2C5]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2C5 |
| Applications: | WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 164-433 of human ZSCAN4 (NP_689890) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 48.8 kDa |
| Gene Name: | zinc finger and SCAN domain containing 4 |
| Database Link: | NP_689890 Entrez Gene 201516 Human Q8NAM6 |



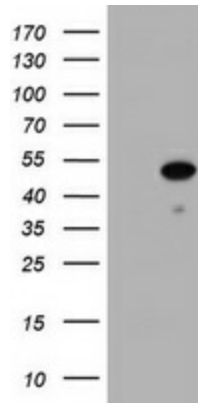
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Background: The ZSCAN4 gene encodes a protein involved in telomere maintenance and with a key role in the critical feature of mouse embryonic stem (ES) cells, namely, defying cellular senescence and maintaining normal karyotype for many cell divisions in culture (Zalzman et al., 2010 [PubMed 20336070]). [supplied by OMIM, May

Synonyms: ZNF494

Protein Families: Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ZSCAN4 ([RC211003], 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-ZSCAN4. Positive lysates [LY407355] (100ug) and [LC407355] (20ug) can be purchased separately from OriGene.