



ZSCAN4, NT (ZSCAN4, ZNF494, Zinc finger and SCAN domain-containing protein 4, Zinc finger protein 494) (FITC)

Catalog number

044418-FITC

Supplier

USBiological

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]).

Applications

Suitable for use in Western Blot, FLISA

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:100-500

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

ZSCAN4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the N-terminal region of human ZSCAN4.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).

Purity

Purified by Protein A affinity chromatography.

Specificity

Human

Product Type



Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

Applications

FL WB

Crossreactivity

Hu

Storage

-20°C

Detection Method

FITC

Reference

Zalzman, M., et al. Nature 464(7290):858-863(2010)

Colland, F., et al. Genome Res. 14(7):1324-1332(2004)