

Zscan4 monoclonal antibody

Catalog: MB9586

Host: Mouse

Reactivity: Human

BackGround:

Embryonic stem (ES) cell-specific transcription factor required to regulate ES cell pluripotency. Binds telomeres and plays a key role in genomic stability in ES cells by regulating telomere elongation. Acts as an activator of spontaneous telomere sister chromatid exchange (T-SCE) and telomere elongation in undifferentiated ES cells.

Product:

Mouse IgG2b, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

49 kDa

Swiss-Prot:

Q8NAM6(Human)

Purification&Purity:

ProG affinity purified.

Applications:

WB:1:500

FC:1:50-1:100

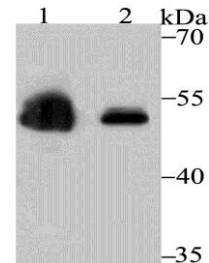
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

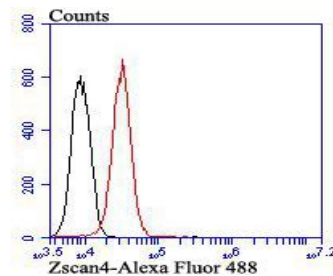
Specificity:

Zscan4 monoclonal antibody detects endogenous levels of Zscan4 protein.

DATA:



Western blot analysis of Zscan4 on 293 transfected Zscan4 (1) and 293T (2) cell lysates using anti-Zscan4 antibody at 1/500 dilution.



Flow cytometric analysis of HepG2 cells with Zscan4 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-mouse IgG was used as the secondary antibody.

Note:

For research use only, not for use in diagnostic procedure.

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