SSSCA1 mouse monoclonal antibody

Catalog:	MB4047	Host:	Mouse	Reactivity:	Human

BackGround:

SSSCA1 (sjogren syndrome/scleroderma autoantigen 1), also known as p27,is a 199 amino acid protein that may play a role in mitosis. Considered a centro-mere-associated protein, SSSCA1 may induce anti-centromere antibodies. SSSCA1 is phosphorylated upon DNA damage by ATM or ATR. The gene encoding SSSCA1 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

Product:

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

Molecular Weight:

~ 27 kDa

Swiss-Prot:

O60232

Purification&Purity:

The antibody was affinity-purified from mouse ascites fluids or tissue culture supernatant by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:2000, IF 1:100, FLOW 1:100, IHC: 1:150

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.
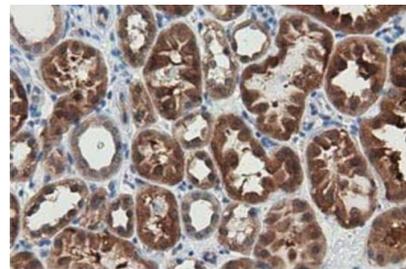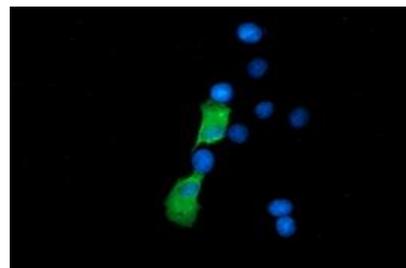
Isotype:

IgG1

DATA:

Western blot (WB) analysis of SSSCA1 mouse monoclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(30ug)

Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SSSCA1 mouse monoclonal antibody.

Anti-SSSCA1 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SSSCA1.

Note:

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