
OCT-1 Mouse mAb

Catalog Number: bsm-33095M

Target Protein: OCT-1

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 9A3

Isotype: IgG

Applications: WB (1:500-1000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 76 kDa

Entrez Gene: 5451

Swiss Prot: P14859

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

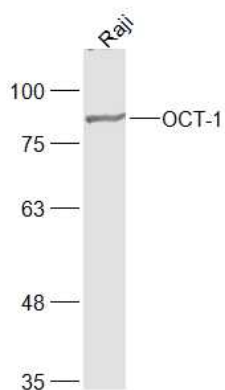
Size : 200ug (PBS only)

0.01M PBS

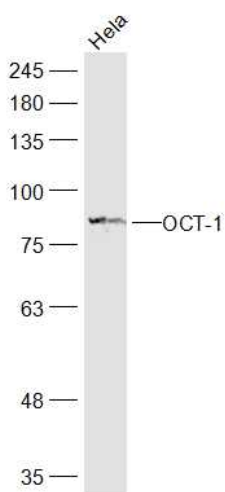
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Oct1 is a transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. It modulates transcription transactivation by NR3C1, AR and PGR and interacts with NR3C1, AR and PGR. Oct1 is Ubiquitous and belongs to the POU transcription factor family class 2 subfamily. Oct1 contains 1 homeobox domain.

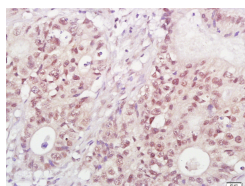
VALIDATION IMAGES



Sample: Raji(Human) Cell Lysate at 30 ug Primary: Anti-OCT-1 (bsm-33095M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 76 kD Observed band size: 80 kD



Sample: HeLa(Human) Cell Lysate at 30 ug Primary: Anti-OCT-1 (bsm-33095M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 76 kD Observed band size: 80 kD



Paraformaldehyde-fixed, paraffin embedded (Human cervical cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OCT-1) Polyclonal Antibody, Unconjugated (bsm-33095M) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.