

H3K4me3_ Cell Signaling_ Part number: 9751BF _Lot number: 6_PchAb 1149

Test Date: 12/24/2015

User: RI

Protein Load:

Panel A

1 - Recombinant H3 0.7ug

Panel B

1 - Recombinant H3 0.7ug

2 - H1 nuclear lysate 10ug

3 - HepG2 nuclear lysate 10ug

Primary antibody:

Panel A

Epitope: unmodified histone H3

Vendor: Abcam

Part number: ab1791

Lot number: GR103868-1

Primary ab dilution: 1:500

Panel B

Epitope: H3K4me3

Vendor: Cell Signaling

Part number: 9751BF

Lot number: 6

Primary ab dilution: 1: 1000

Incubation: O/N at 4C

Secondary antibody:

Vendor: Abcam

Part number: ab6721

Lot number: GR119224-3

Secondary ab dilution: 1:10,000

Incubation: 1 hour at room temp

Gel and Blot Conditions:

4-12% Bis-Tris, 1X MES running buffer iBlot transfer, PVDF, P3 for 6 minutes, Blocked in TBS-T w/5% BSA for 1 hour, Antibodies diluted in TBS-T w/5% BSA 1.5 second exposure in ChemiDoc

