H3K4me3 Cell Signaling part 9751BF lot 9
mAB Clone C42D8 PchAb 1360

Antibody: H3-K4me3
Vendor: Cell Signaling
Part number: 9751BF
Lot number: 9

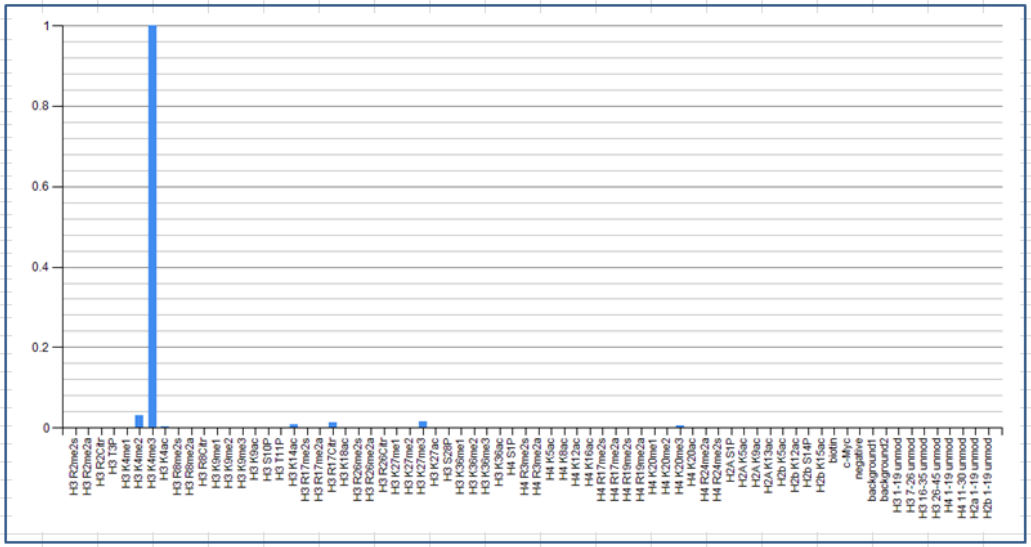
Test Date: 7-3-2013
User: HW

Primary antibody:
Primary ab dilution: 1:25,000
Incubation: O/N at 4C

Secondary antibody:
Vendor: Active Motif
Part number: 100612
Lot number: 6012051
Concentration: 1:2500
Incubation: 1 hour at room temperature

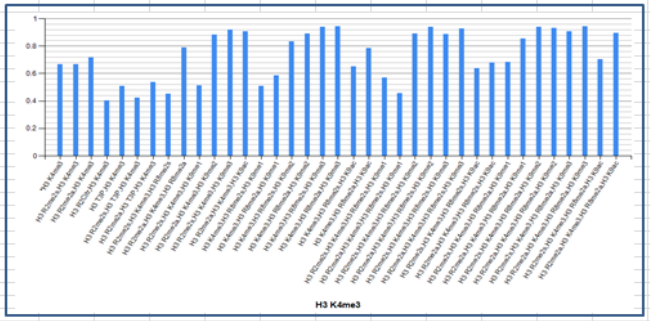
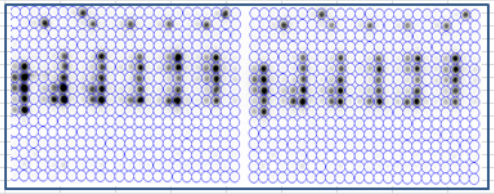
Protocol:
- immerse array in 4 mL of blocking solution containing (TBST containing 5% non-fat dried milk)
- incubate on a rotator for 4 hours at room temperature
- carefully pour off buffer
- perform a quick rinse (30 seconds) with TBST buffer
- wash 3 x 5 minutes in TBST
- dilute primary antibody in 4 mL of Blocking solution
- incubate on a rotator overnight at 4˚C
- carefully pour off buffer
- perform a quick rinse (30 seconds) with TBST buffer
- wash 3 x 5 minutes in TBST
- dilute secondary antibody in 4 mL of Blocking solution
- incubate on a rotator for 1 hour at room temperature
- carefully pour off buffer
- perform a quick rinse (30 seconds) with TBST buffer
- wash 3 x 5 minutes in TBST
- detect using FluorChemQ

Reactivity of test antibody with control peptides and singly modified peptides
Graph is scaled so that the intended primary reactivity is set to 1



7-3-2013 - H3-K4me3 Cell Signaling #9751BF Lot 9; image: 2013-05-24 14hr 26min_Exposure_2_0sec_crop-1_resize_data

Cross inhibition of reactivity by aother modifications of the same peptide
Graph is scaled so that saturation of signal = 1



Gridded image of the array