Antibody: H3-K27me3

Vendor: Abcam
Part number: ab192985
Lot number: GR223657

Test Date: 8-4-2017

Primary antibody:
Primary ab dilution: 1:10000
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

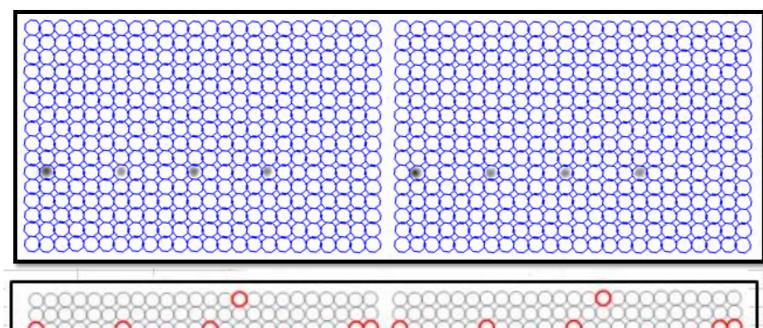
Protocol:

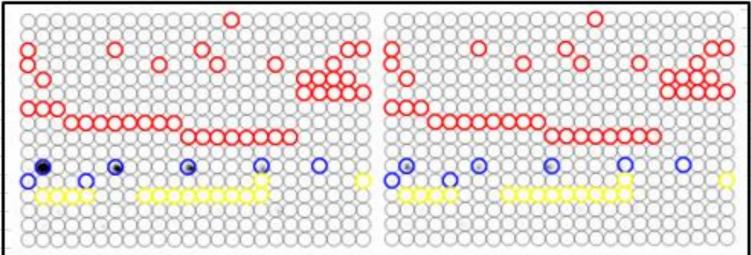
• immerse array in 4 mL of blocking solution containing

(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 Chemi-Doc XR

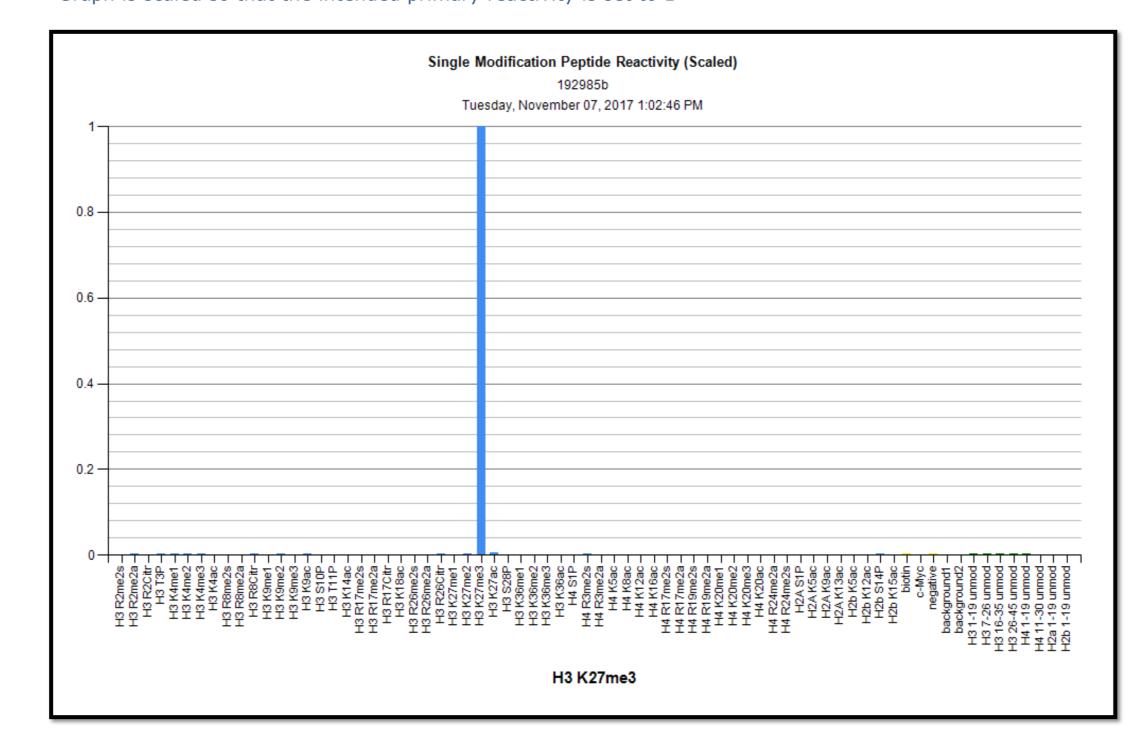
Gridded image of the array





H3-K27me3 Abcam #ab192985 Lot GR223657 PchAb 1397

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



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

