Antibody: H3-K9ac Vendor: Abcam Part number: ab4441 Lot number: 550799

Test Date: 3-21-2013

Primary antibody: Primary ab dilution: 1:10000 Incubation: O/N at 4C

Secondary antibody: Vendor: Active Motif

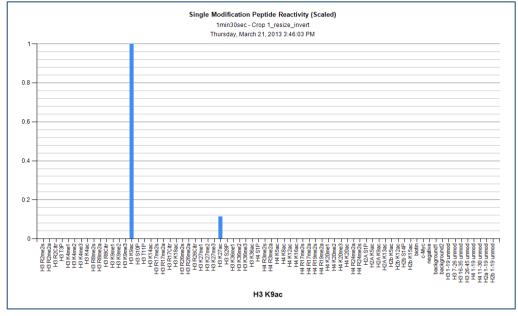
Part number: 103334 Lot number: 21913003 Concentration: 1:2500

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 FlourChemQ

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



3-21-2013 - H3-K9ac Abcam #ab4441 Lot 550799; image: 1min30sec - Crop 1\_resize\_invert\_data

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

