

Antibody: H3-K27ac
Vendor: Active Motif
Part number: 39133
Lot number: 31814008

Test Date: 11-7-2016
User: RI

Primary antibody:

Primary ab dilution: 1:20000
Incubation: 4 hrs RT

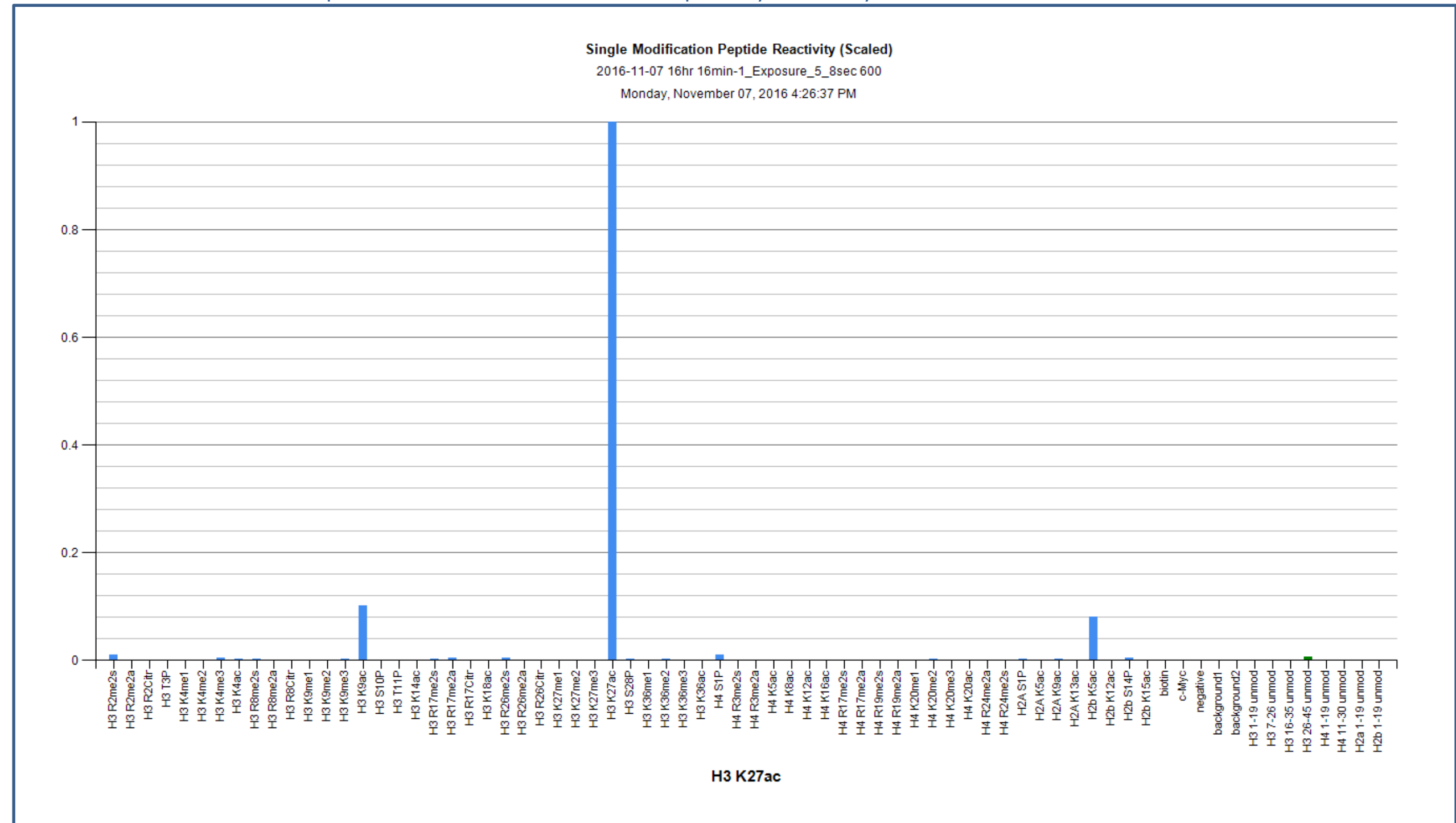
Secondary antibody:

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

Protocol:

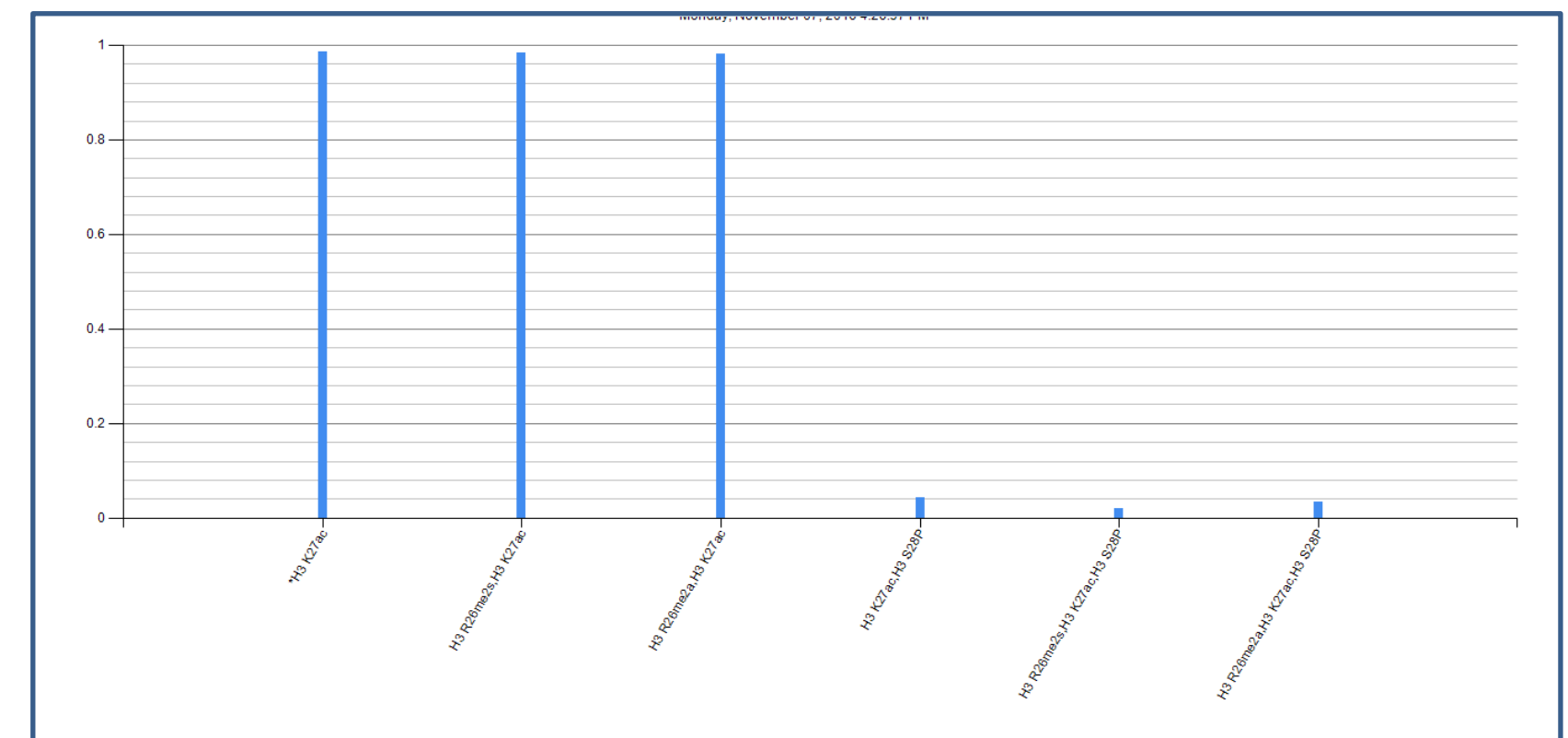
- immerse array in 4 mL of blocking solution containing (TTBS containing 5% non-fat dried milk)
- incubate on a rotator for 4 hours at room temperature
- carefully pour off buffer
- perform a quick rinse (30 seconds) with TTBS buffer
- wash 3 x 5 minutes in TTBS
- dilute primary antibody in 4 mL of Blocking solution
- incubate on a rotator 1 hr @ room temperature
- carefully pour off buffer
- perform a quick rinse (30 seconds) with TTBS buffer
- wash 3 x 5 minutes in TTBS
- 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 TTBS buffer
- wash 3 x 5 minutes in TTBS
- detect using chemi based reagents
- use BioRad ChemiDoc to expose and capture images

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



11-7-2016 - H3-K27ac Active Motif #39133 Lot 31814008; image: Active Motif K27ac_PchAb 1310 11_07_16

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

