

Antibody: H3-K4me1
Vendor: Active Motif
Part number: 39297
Lot number: 21008001

Test Date: 5-26-2016
User: HW

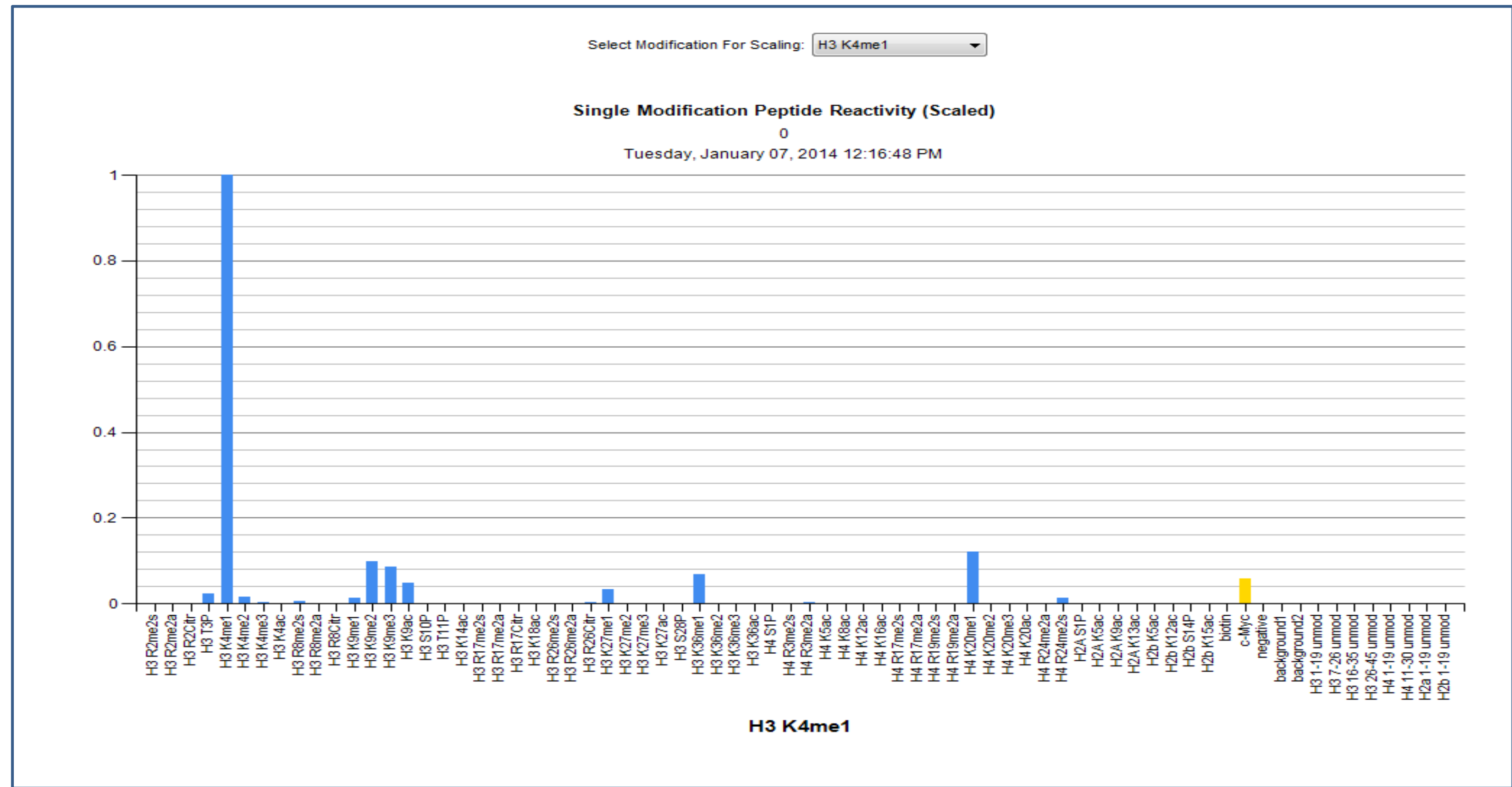
Primary antibody:
Primary ab dilution: 1:1000
Incubation: O/N at 4C

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

Protocol:

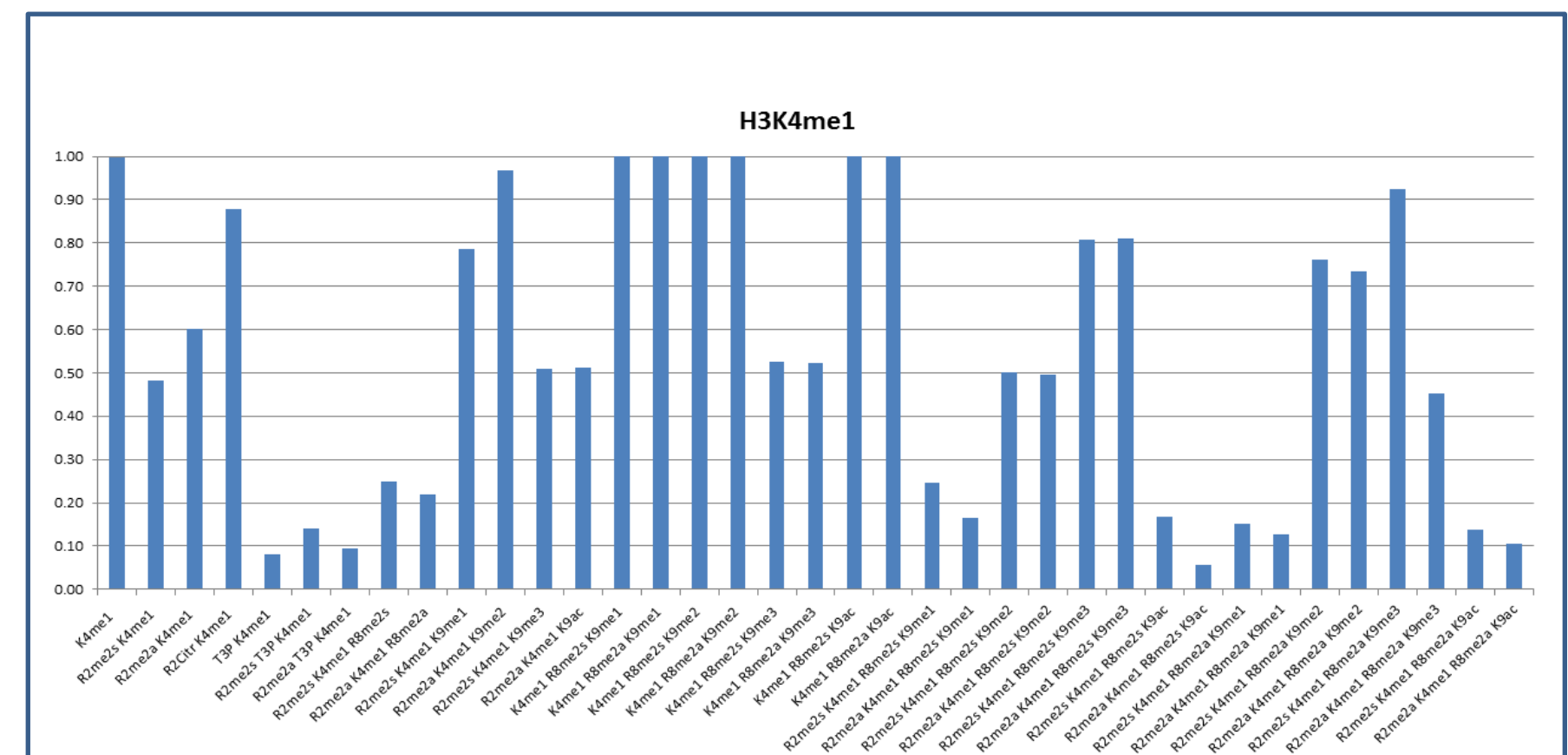
- immerse array in 4 mL of blocking solution containing (TBST containing 5% non-fat dried milk)
- incubate on a rotator for 4 hours at room temperature
- carefully pour off buffer
- perform a quick rinse (30 seconds) with TBST buffer
- wash 3 x 5 minutes in TBST
- dilute primary antibody in 4 mL of Blocking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



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



Gridded image of the array

