

H3K27me3_Thermo Fisher_MA533081_VB2948733_DB_PchAb 1426

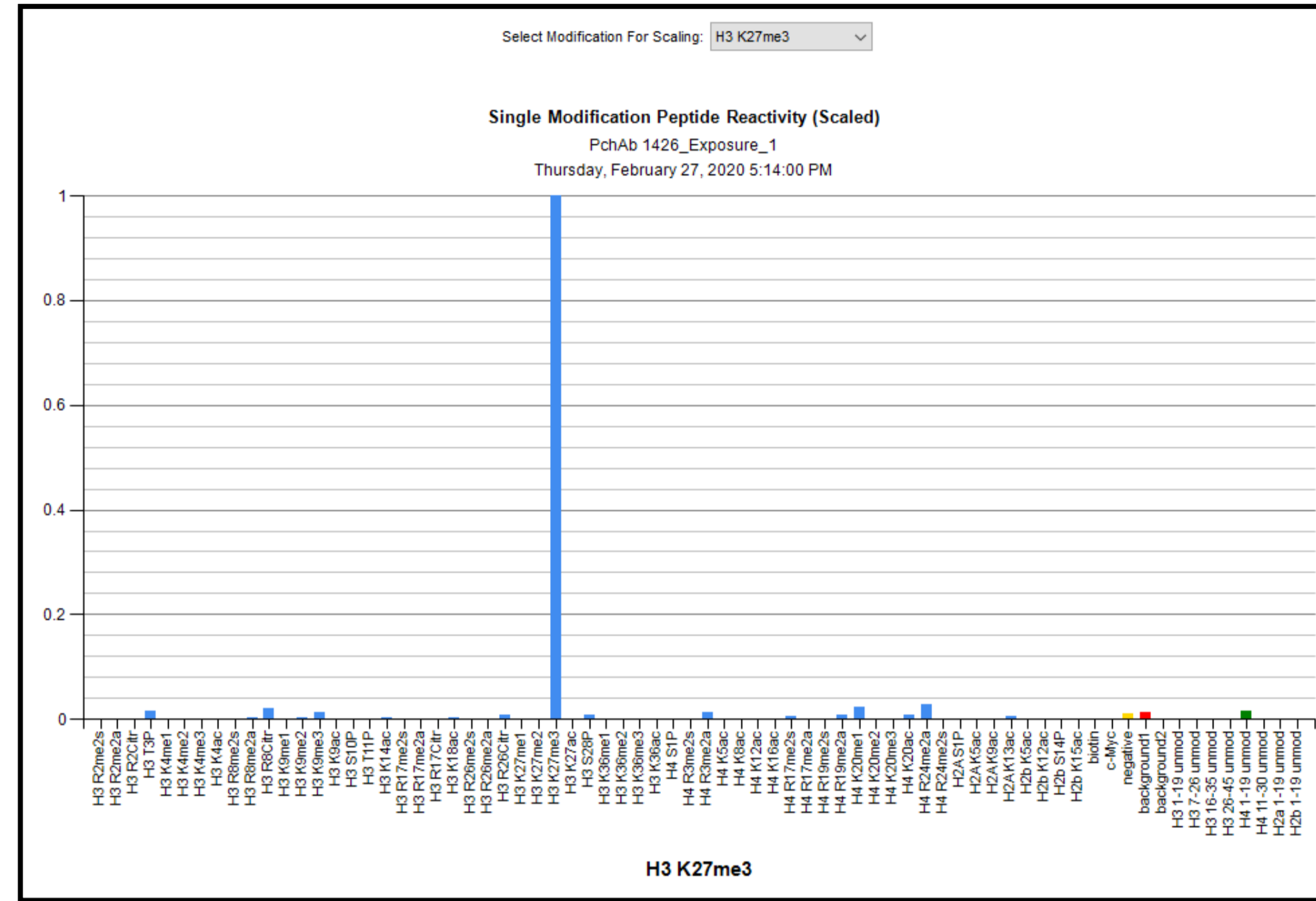
Test Date: 2-27-2020
 User: RI

Primary antibody:
 Antibody: H3K27me3
 Vendor: Thermo Fisher
 Part number: MA533081
 Lot number: VB2948733
 Dilution: 1:4000
 Incubation: O/N at 4C

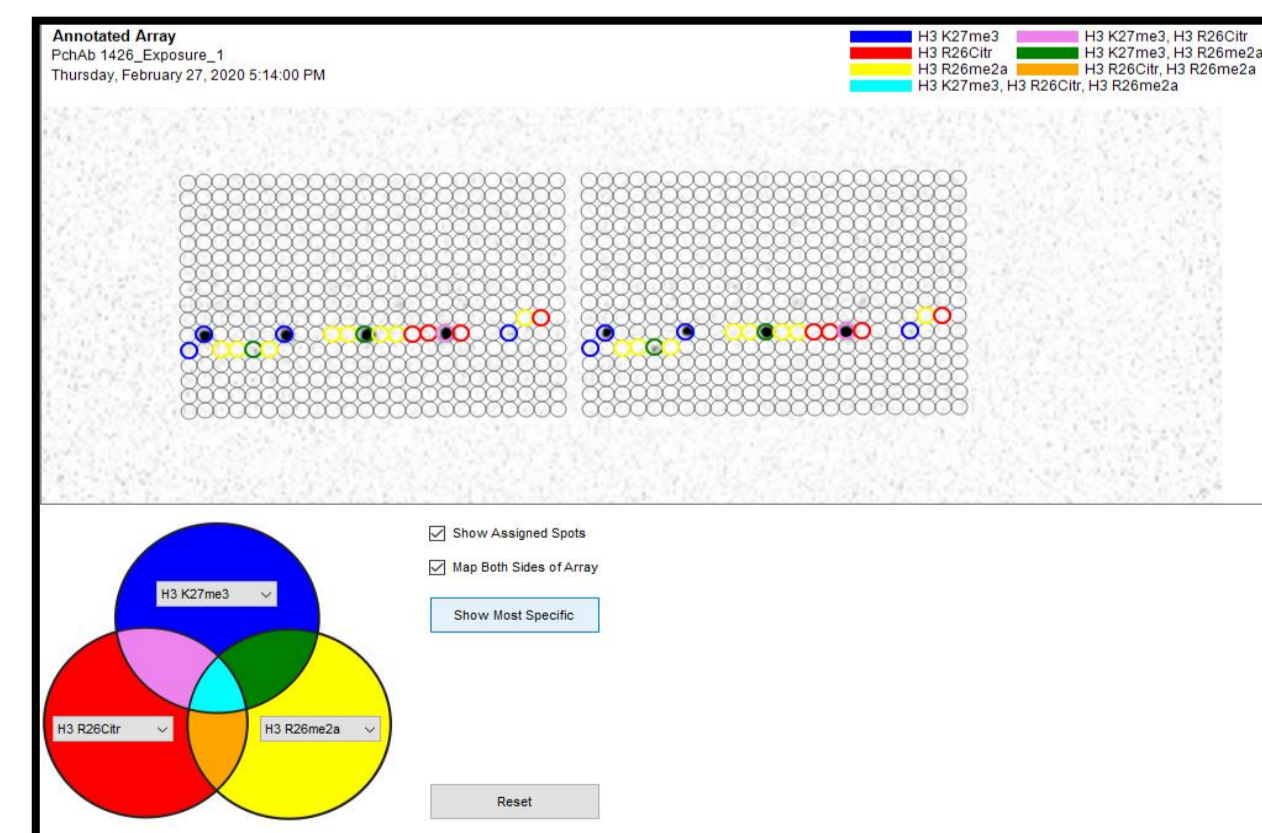
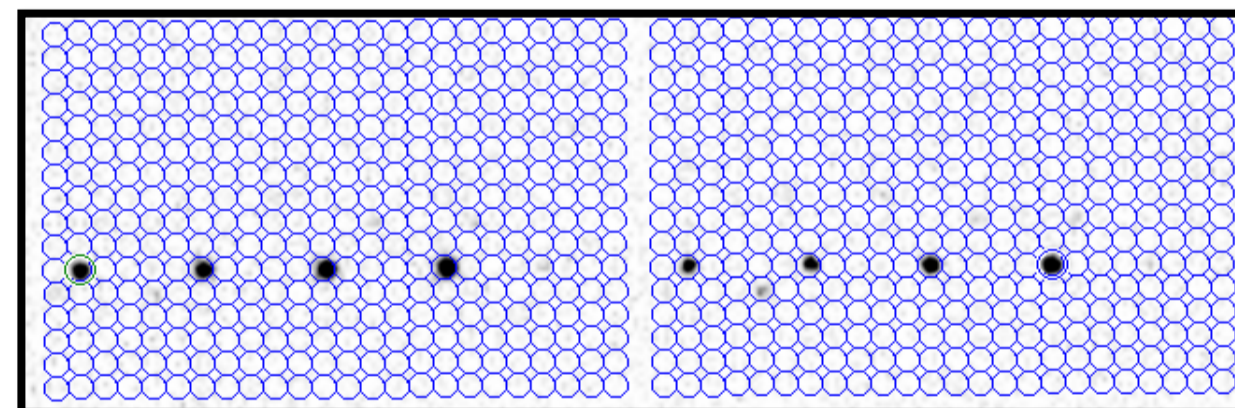
Secondary antibody:
 Vendor: Abcam
 Part number: 100612
 Lot number: GR119224-3
 Dilution: 1:2500
 Incubation: 1 hr@ RT

- 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

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



Gridded image of the array



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

