

H3K27me3_Diagenode_C15410069_A1821-D_PchAb 1383

Antibody: H3-K27me3
Vendor: Diagenode
Part number: C15410069-10
Lot number: A182D

Test Date: 8-4-2017
User: RI

Primary antibody:
Primary ab dilution: 15000
Incubation: ON at 4C

Secondary antibody:
Vendor: Abnova/Merck
Part number: 100512
Lot number: 692051
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 SR

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

H3 K27me3

8-4-2017-H3-K27me3 Diagenode: C15410069-10 Lot A182D; image:

Background **0.076**

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

H3 K27me3

Gridded image of the array

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Most Specific

- H3 K27me3
- H4 K20me3
- H3 K27me2
- H3 K27me3, H4 K20me3, H3 K27me2
- H3 K27me3, H4 K20me3
- H3 K27me3, H3 K27me2
- H4 K20me3, H3 K27me2



Cross reactivity w H3K9me3

- H3 K27me3
- H3 K9me3
- H4 KBac
- H3 K27me3, H3 K9me3, H4 KBac
- H3 K27me3, H3 K9me3
- H3 K27me3, H4 KBac
- H3 K9me3, H4 KBac

