

**Antibody: H3-K27me3**

**Vendor: Abcam**

**Part number: ab192985**

**Lot number: GR223657**

**Test Date:** 8-4-2017  
**User:** RI

**Primary antibody:**  
**Primary ab dilution:** 1:10000  
**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 Chemi-Doc XR

# H3-K27me3 Abcam #ab192985 Lot GR223657 PchAb 1397

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

