

Broad Institute - Encode3 Secondary Antibody Validation

Millipore # 05-1317 Lot NRG1665726 (mouse monoclonal)

Target: SUZ12

Approved name: SUZ12 polycomb repressive complex 2 subunit

Function: plays a role in repressive Histone H3 K27 methylation

Member of complex: PRC2

Other complex members: EZH2, EED.

Antibody being validated:

1. Millipore # 05-1317 Lot NRG1665726 (mouse monoclonal)
2. Broad Alias: PchAb 168
3. Immunogen: Recombinant protein corresponding to human SUZ12.
4. <https://www.encodeproject.org/antibodies/ENCAB032FOO/>

This validation relies on the use of two different antibodies to the same protein, and the demonstration that highly similar patterns of enrichment are obtained with each antibody. The first track shown used mouse monoclonal Millipore 05-1317, raised against full length SUZ12, and the second track shown used a different antibody to SUZ12 (Active Motif 39357), a rabbit polyclonal raised against a C-terminal peptide.

Overall correlation score: 0.9956.

