ENCODE DCC Antibody Validation Document

Date of Submission [ ]

Name: [ ]   Email: [ ]

Lab [ ]

Antibody Name: [ ]   Target: [ ]

Company/ Source: [ ]

Catalog Number, database ID, laboratory [ ]   Lot Number [ ]

Antibody Description: [ ]

Target Description: [ ]

Species Target [ ]   Species Host [ ]

Validation Method #1 [ ]   Validation Method #2 [ ]

Purification Method [ ]   Polyclonal/ Monoclonal [ ]

Vendor URL: [ ]

Reference (PI/ Publication Information) [ ]

Please complete the following for antibodies to histone modifications:
if your specifications are not listed in the drop-down box,
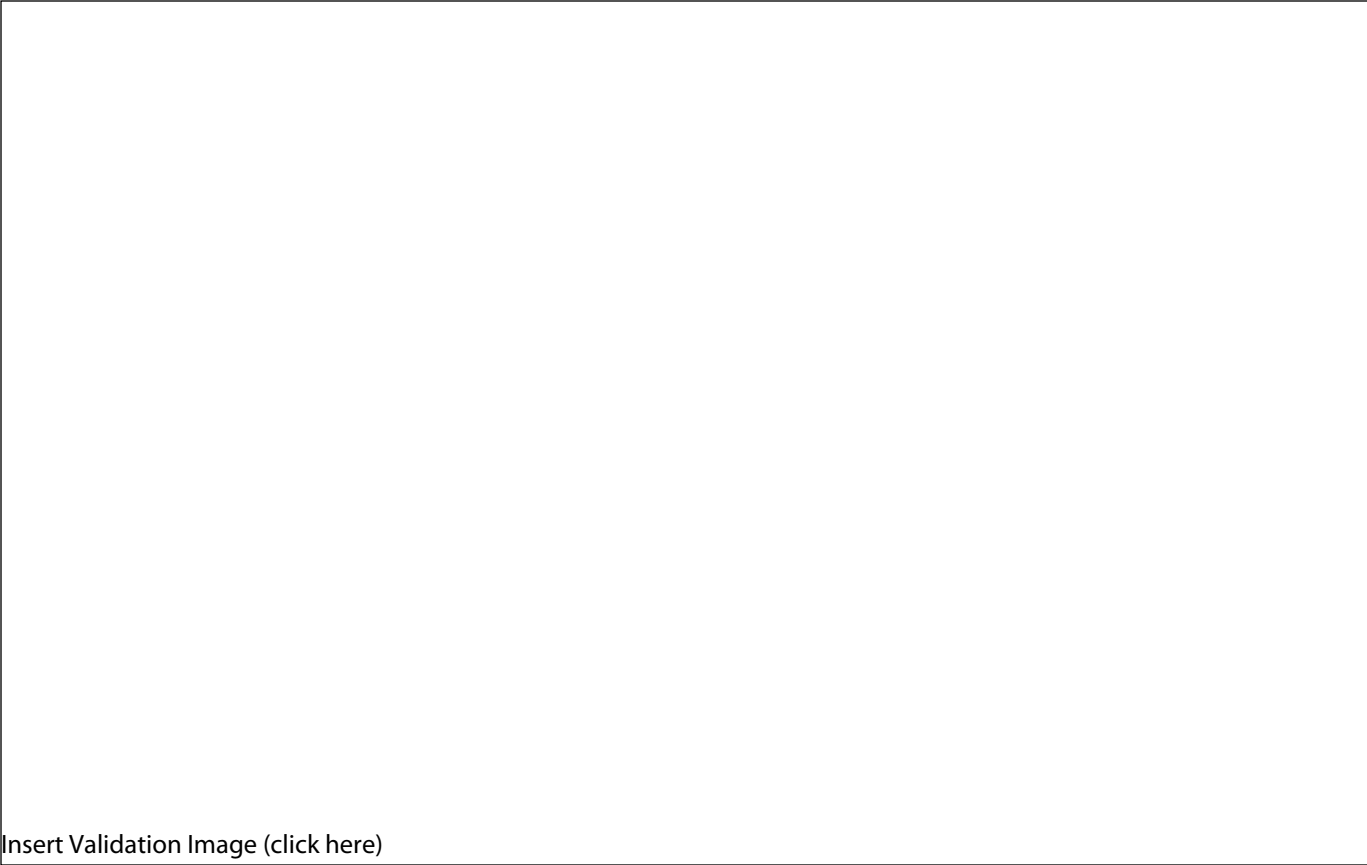*please write-in the appropriate information*

Histone Name [ ]   AA modified [ ]   AA Position [ ]   Modification [ ]
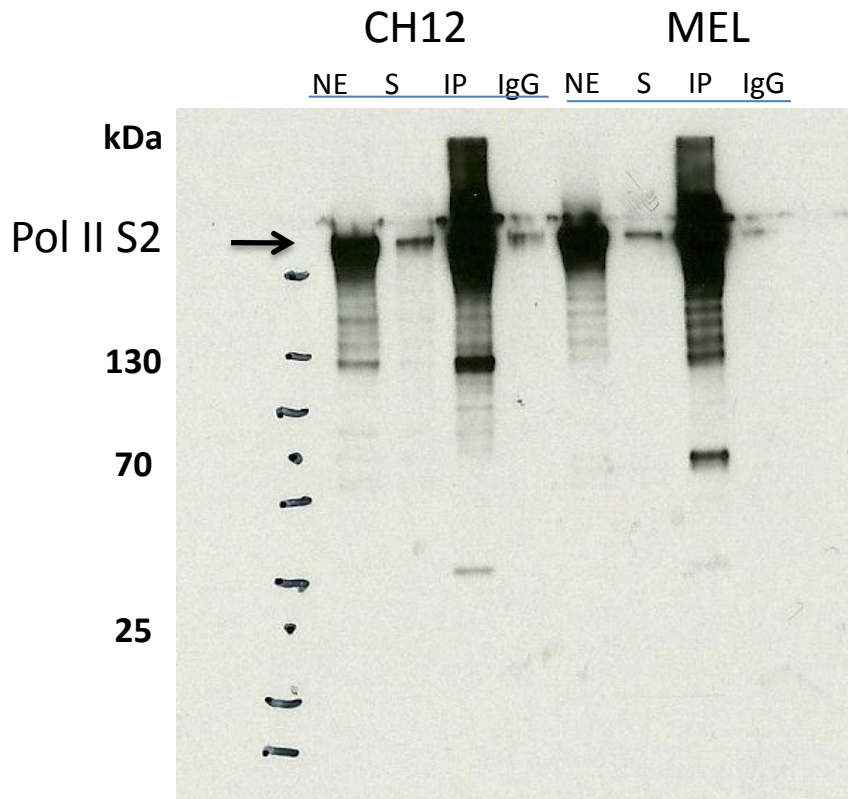
Validation #1
Analysis

Insert Validation Image (click here)

Antibody: Pol2-s2 Source: Abcam ab5095

Epitope: Pol2-S2 Antibody is rabbit polyclonal IgG, epitope corresponding to Synthetic peptide conjugated to KLH derived from within residues 1600 - 1700 of Saccharomyces cerevisiae RNA polymerase II CTD repeat YSPTSPS, phosphorylated at S2
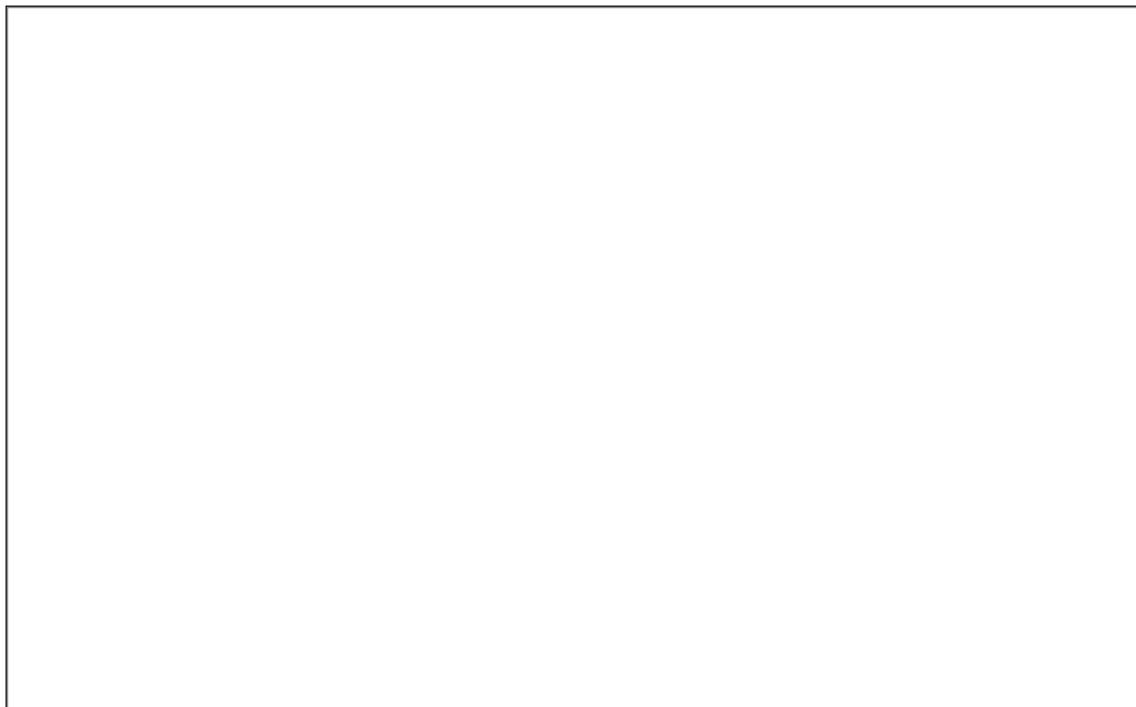
Validation 1: Immunoprecipitation (IP) in both CH12 and MEL cell lines

Arrow indicates immunoprecipitated band of expected size of Pol2-S2 in both CH12 and MEL cell lines (~220 kDa).

NE: nuclear extract
S: supernatant after IP
IP: IP with tested antibody
IgG: IP with control IgG

Validation #2
Analysis

Insert Validation Image (Click here)