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,
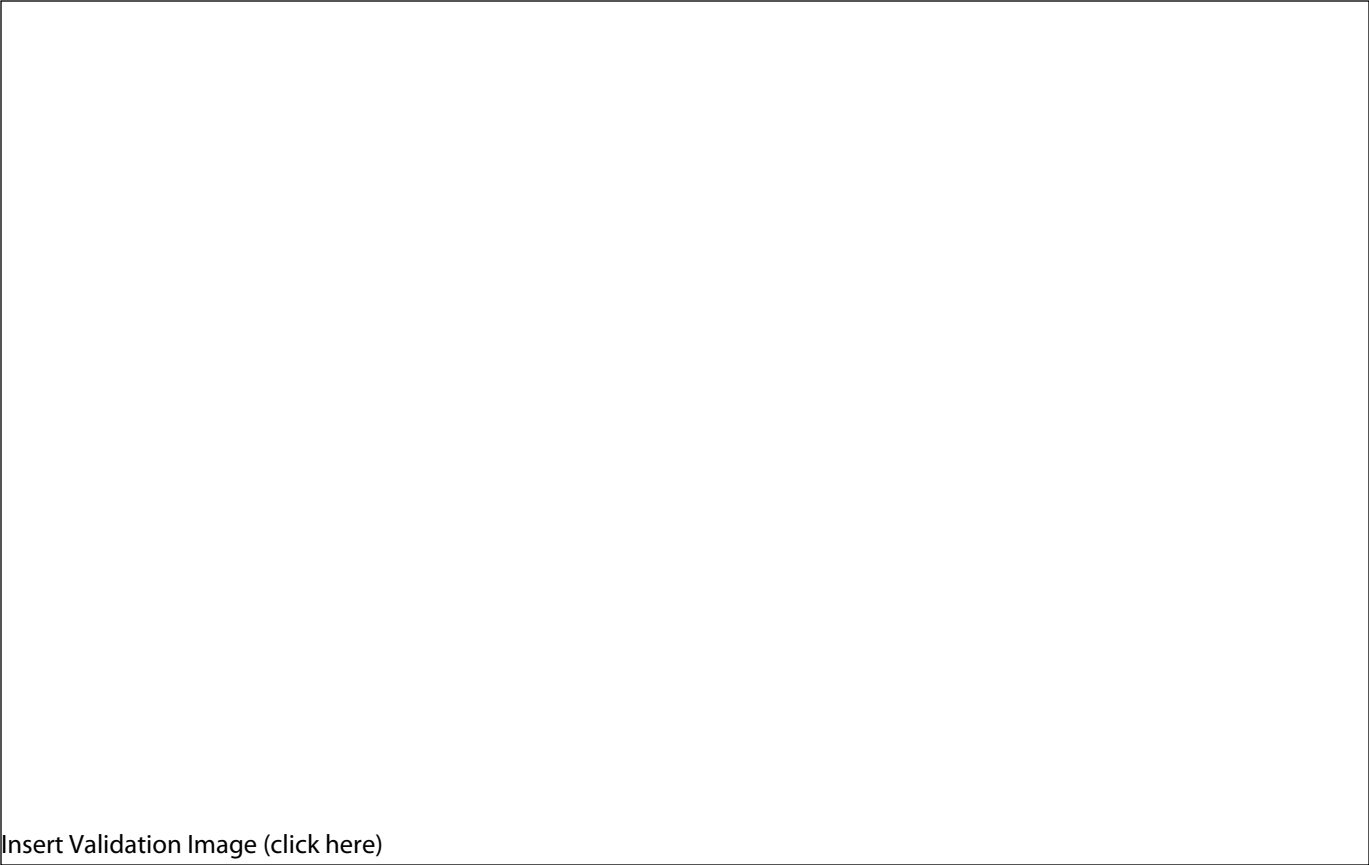*please write-in the appropriate information*

Histone Name

AA modified
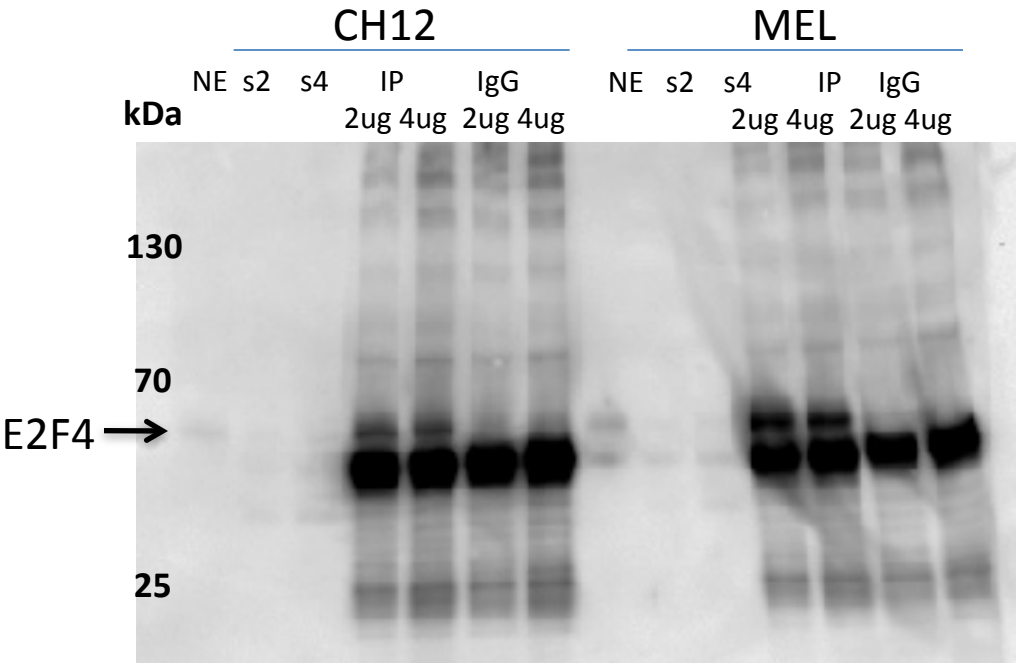
AA Position

Modification

Validation #1
Analysis

Insert Validation Image (click here)

Antibody: E2F4 Source: Santa Cruz Biotech sc-866
Epitope: rabbit polyclonal IgG, epitope mapping at the C-terminus of E2F-4 of human origin
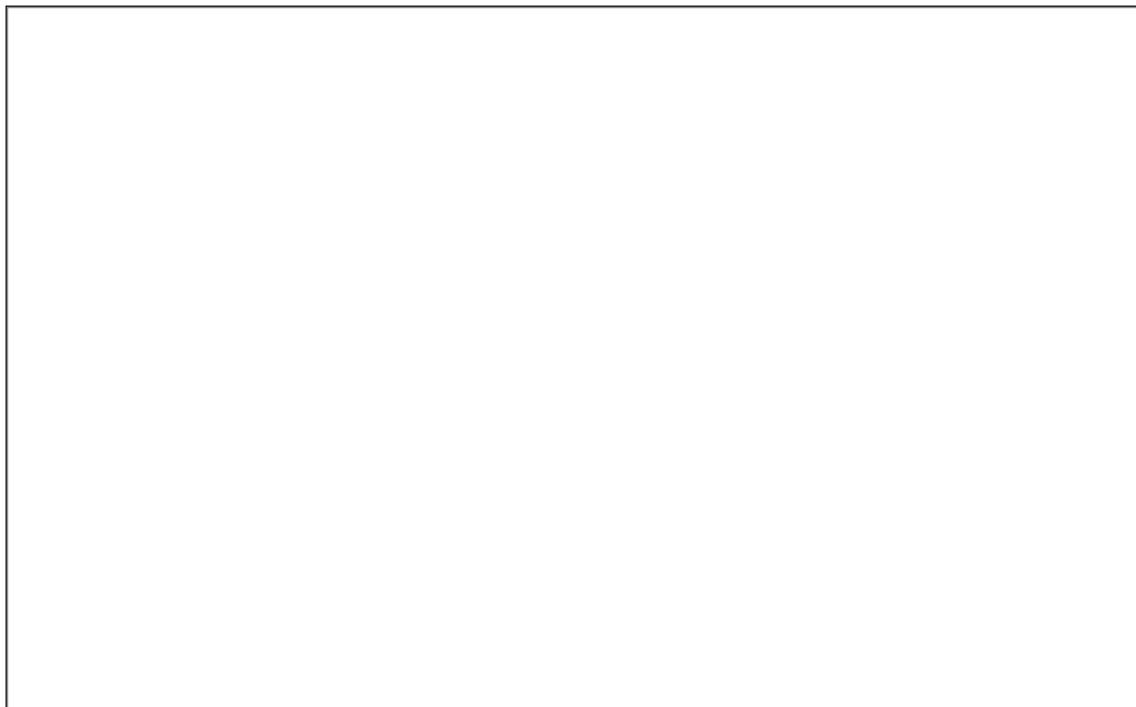
Validation 1: Immunoprecipitation (IP) in both CH12 and MEL cell lines

Arrow indicates immunoprecipitated band of expected size of E2F4 in both CH12 and MEL cell lines (~60 kDa).

NE: nuclear extract
S2: supernatant after IP with 2ug antibody
S4: supernatant after IP with 4ug antibody
IP: IP with indicated amount of tested antibody
IgG: IP with indicated amount of control IgG

Validation #2
Analysis

Insert Validation Image (Click here)