Date of Submission: 09/12/2012

Name: Dr. Flo Pauli  
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Lab: Myers

Antibody Name: BATF  
Target: recombinant B-ATF of human origin

Company/Source: Santa Cruz Biotechnology

Catalog Number, database ID, laboratory: sc-100974  
Lot Number: D0808

Antibody Description: Mouse monoclonal IgG, raised against recombinant B-ATF of human origin

Target Description: Functions as a negative regulator of AP-1 mediated transcription by binding to Jun proteins, causing preferential binding to specific DNA sequences (RefSeq). GeneID: 10538. 14 kDa.

Species Target: Human  
Species Host: Mouse

Validation Method #1: Western Blot  
Validation Method #2: 

Purification Method: 
Polyclonal/Monoclonal: Monoclonal

Vendor URL: http://datasheets.scbt.com/sc-100974.pdf

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: 
Western blot protocol: Whole cell lysates were immunoprecipitated using primary antibody (sc-100974), and the IP fraction was loaded on a 12% acrylamide gel and separated with a Bio-Rad PROTEAN II xi system. After separation, the samples were transferred to a nitrocellulose membrane with an Invitrogen iBlot system. Blotting with primary (same as that used for IP) and secondary HRP-conjugated antibodies was performed on an Invitrogen BenchPro 4100 system. Visualization was achieved using SuperSignal West Femto solution (Thermo Scientific).

Results: Band of expected size visualized, representing strongest signal in the lane.

Figure legend: IP-western with sc-100974 in WCL (whole cell lysate) of GM12878; PM=protein marker. BATF band is indicated, as are heavy and light chain of IgG.