

Project: Cristina plkB

Project Description

Not specified

Researcher's Name

Not specified

Date

Jan 20, 2025, 3:03:12 PM CST

Principal Investigator Name

Not specified

Lab Mailing Address

Not specified

Analysis Software

Empiria Studio® Software v3.2.0.186

Data Location

Not specified

Experiment: ACH2 PMAi 24hr p-lkb

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 20, 2025, 3:25:20 PM CST

Date Edited

Jan 20, 2025, 3:30:01 PM CST

Image Information

Image Name: 0000916_01

Acquire Date/Time

Jan 20, 2025, 10:51:34 AM CST

Channels

700, 800

Resolution

169 µm

Comment

EXP250112 JQ1 24hr reprobe

User

Not specified

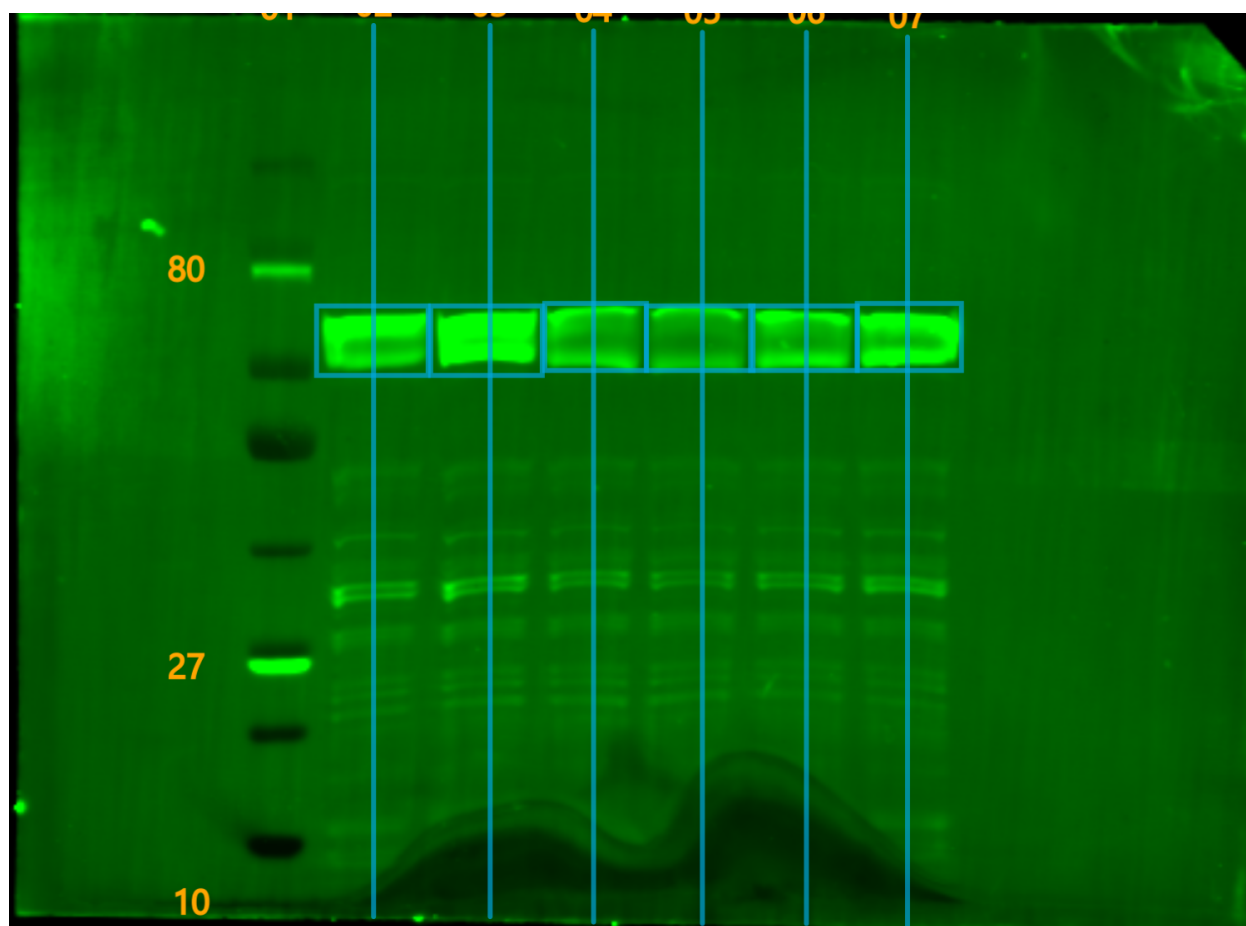
Experimental Analysis

800 Channel

Image Name: 0000916_01

Lane Detection: Manual

Protein: Lamin B



Internal Loading Control Analysis Table

| Lane | Name | MW | Signal | SNR | Replicate | Avg. Signal | Avg. SNR | Std. Dev. | % CV | ▼ Treatment (%) | Type |
|------|--------------|------|--------|------|-----------|-------------|----------|-----------|------|-----------------|--------|
| 02 | DMSO/DM... | 70.2 | 8,150 | 27.1 | 02 | | | | | 0 | Sample |
| 03 | MLN 100/D... | 70.7 | 10,300 | 40.6 | 03 | | | | | 0 | Sample |
| 04 | MLN 200/D... | 72.1 | 5,210 | 36.2 | 04 | | | | | 0 | Sample |
| 05 | DMSO/PMAi | 72.1 | 3,980 | 29.2 | 05 | | | | | 0 | Sample |
| 06 | MLN 100/P... | 71.1 | 5,730 | 34.0 | 06 | | | | | 0 | Sample |
| 07 | MLN 200/P... | 70.7 | 7,880 | 33.7 | 07 | | | | | 0 | Sample |

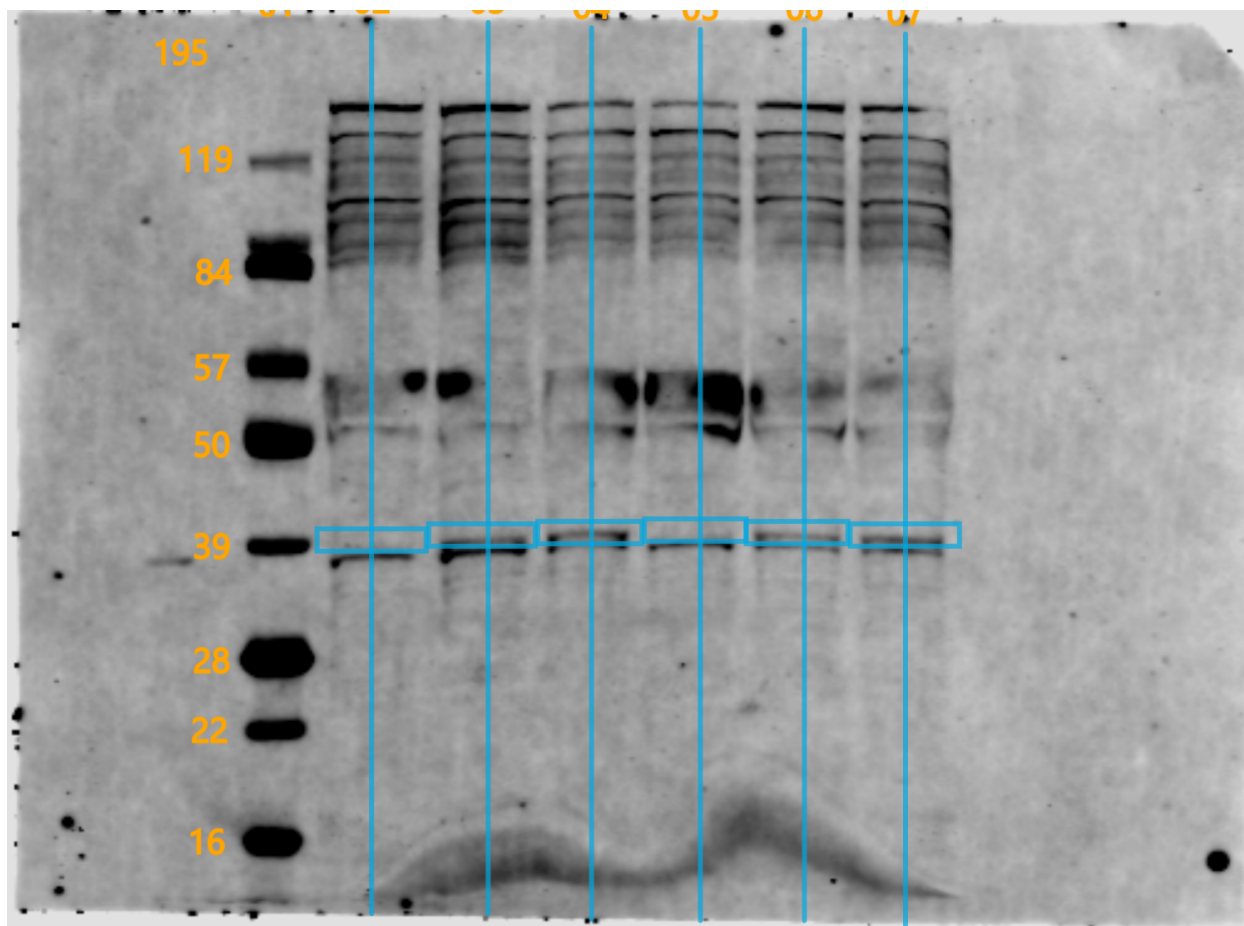
MW values are calculated using marker set iBright 800 on the 800 Channel.

700 Channel

Image Name: 0000916_01

Lane Detection: Manual

Protein: p-IkBa



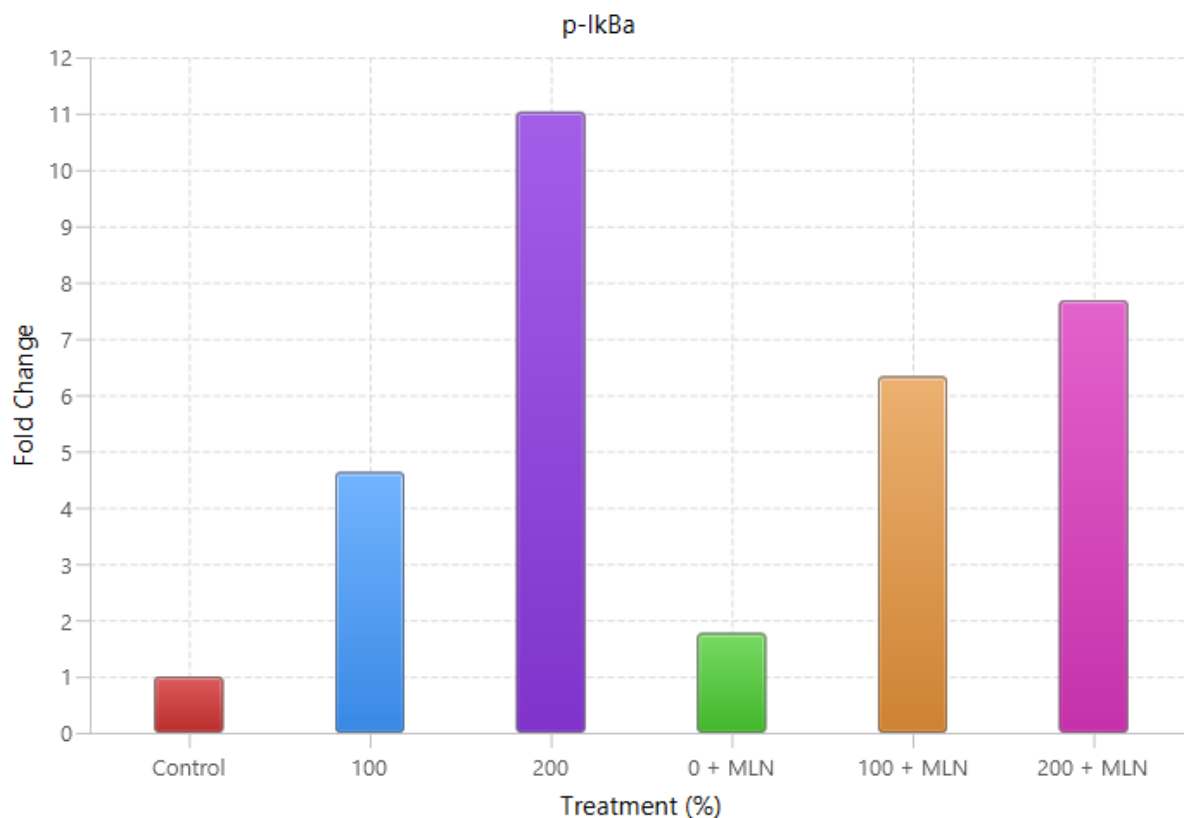
Protein Analysis Table

| Lane | Name | MW | Signal | Total | Normalized Signal | SNR | Replicate | Avg. Norm. Signal | Avg. SNR | Std. Dev. | ^ % CV | Treatment (%) | Type |
|------|--------------|------|--------|-------|-------------------|-------|-----------|-------------------|----------|-----------|--------|---------------|--------|
| 02 | DMSO/DMSO | 38.5 | 37.3 | 2,580 | 47.0 | 0.502 | 02 | | | | | 0 | Sample |
| 03 | MLN 100/D... | 39 | 218 | 2,740 | 218 | 1.91 | 03 | | | | | 0 | Sample |
| 04 | MLN 200/D... | 40.3 | 264 | 2,700 | 519 | 2.25 | 04 | | | | | 0 | Sample |
| 05 | DMSO/PMAi | 39.5 | 32.4 | 2,350 | 83.5 | 0.37 | 05 | | | | | 0 | Sample |
| 06 | MLN 100/P... | 40 | 166 | 2,450 | 298 | 1.34 | 06 | | | | | 0 | Sample |
| 07 | MLN 200/P... | 39.8 | 277 | 2,660 | 361 | 2.89 | 07 | | | | | 0 | Sample |

MW values are calculated using marker set iBright 700 on the 700 Channel.

700 Channel (continued)

Fold Change Chart



Error bars indicate the standard deviation for each replicate group.

Fold Change Table

| Lane | Treatment (X-Axis) | Treatment (%) | Fold Change |
|------|--------------------|---------------|-------------|
| 02 | Control | 0.00 | 1.00 |
| 03 | 100 | 0.00 | 4.63 |
| 04 | 200 | 0.00 | 11.0 |
| 05 | 0 + MLN | 0.00 | 1.77 |
| 06 | 100 + MLN | 0.00 | 6.33 |
| 07 | 200 + MLN | 0.00 | 7.68 |

MW Marker Tables

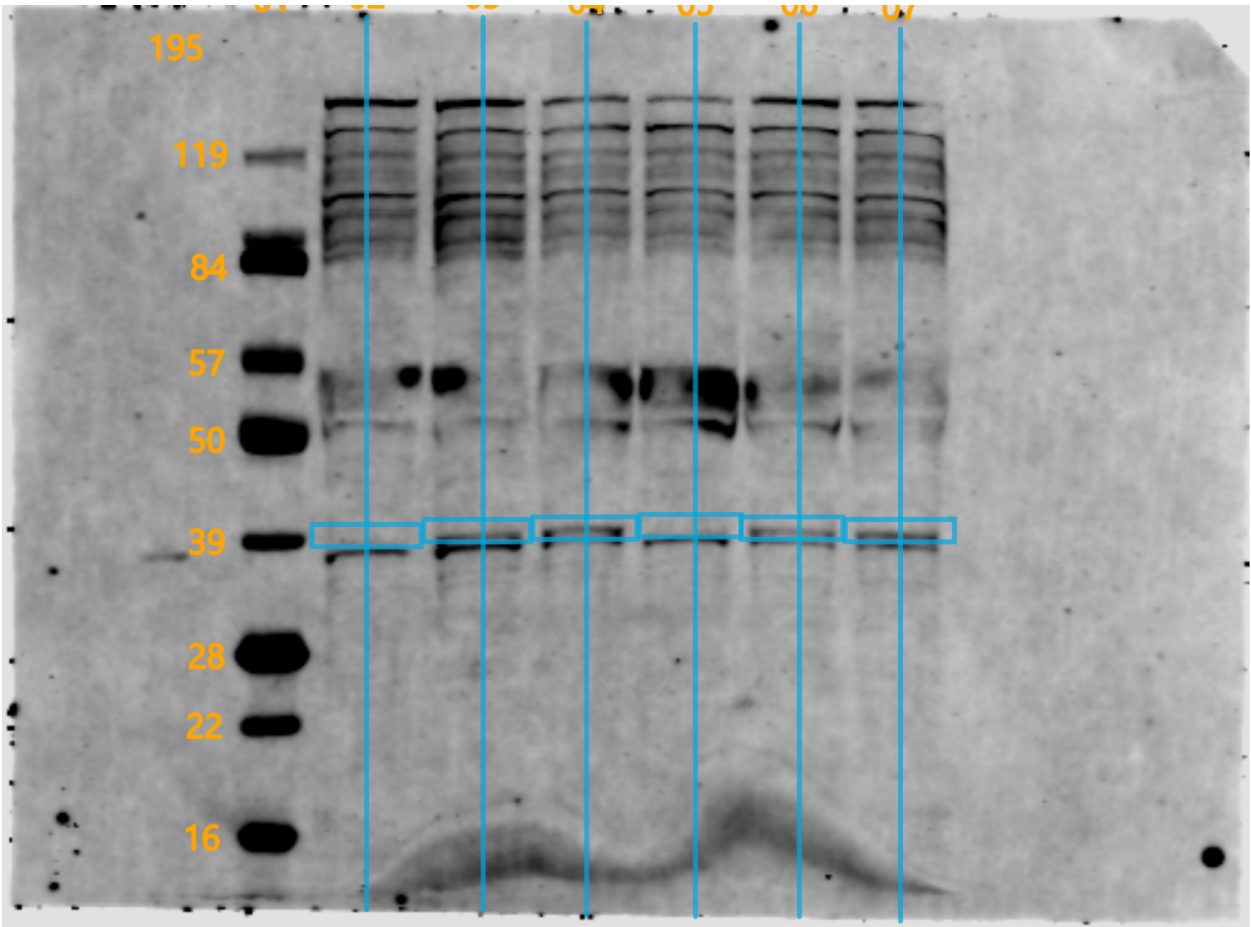
MW Marker Set iBright 800 on the 800 Channel

| Channel | Lane | Name | Band Name | MW |
|---------|------|--------|-----------|----|
| 800 | 01 | Ladder | B01 | 80 |
| 800 | 01 | Ladder | B02 | 27 |
| 800 | 01 | Ladder | B03 | 10 |

MW Marker Set iBright 700 on the 700 Channel

| Channel | Lane | Name | Band Name | MW |
|---------|------|--------|-----------|-----|
| 700 | 01 | Ladder | B01 | 195 |
| 700 | 01 | Ladder | B02 | 119 |
| 700 | 01 | Ladder | B03 | 84 |
| 700 | 01 | Ladder | B04 | 57 |
| 700 | 01 | Ladder | B05 | 50 |
| 700 | 01 | Ladder | B06 | 39 |
| 700 | 01 | Ladder | B07 | 28 |
| 700 | 01 | Ladder | B08 | 22 |
| 700 | 01 | Ladder | B09 | 16 |

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

| | | |
|------------------|---------------------|-------------|
| Researcher | | |
| <i>Signature</i> | <i>Printed Name</i> | <i>Date</i> |

| | | |
|------------------|---------------------|-------------|
| Witness | | |
| <i>Signature</i> | <i>Printed Name</i> | <i>Date</i> |