

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: PMAi n2 p-ikb - EXP250301A - set a

**Description**

ACH2 cells treated with DMSO, 100 or 200 nM MLN plus or minus PMA and ionomycin, cells collected 48 hours after PMAi stimulation

**Experiment Type**

Analysis: HKP + Targets

**Date Created**

Apr 7, 2025, 12:18:34 PM CDT

**Date Edited**

Apr 7, 2025, 1:19:15 PM CDT

**Image Information**

Image Name: 0000963\_01

**Acquire Date/Time**

Apr 3, 2025, 2:41:08 PM CDT

**Channels**

700, 800

**Resolution**

169 µm

**Comment**

exp250301A - set a (PMAi n2)

**User**

Not specified

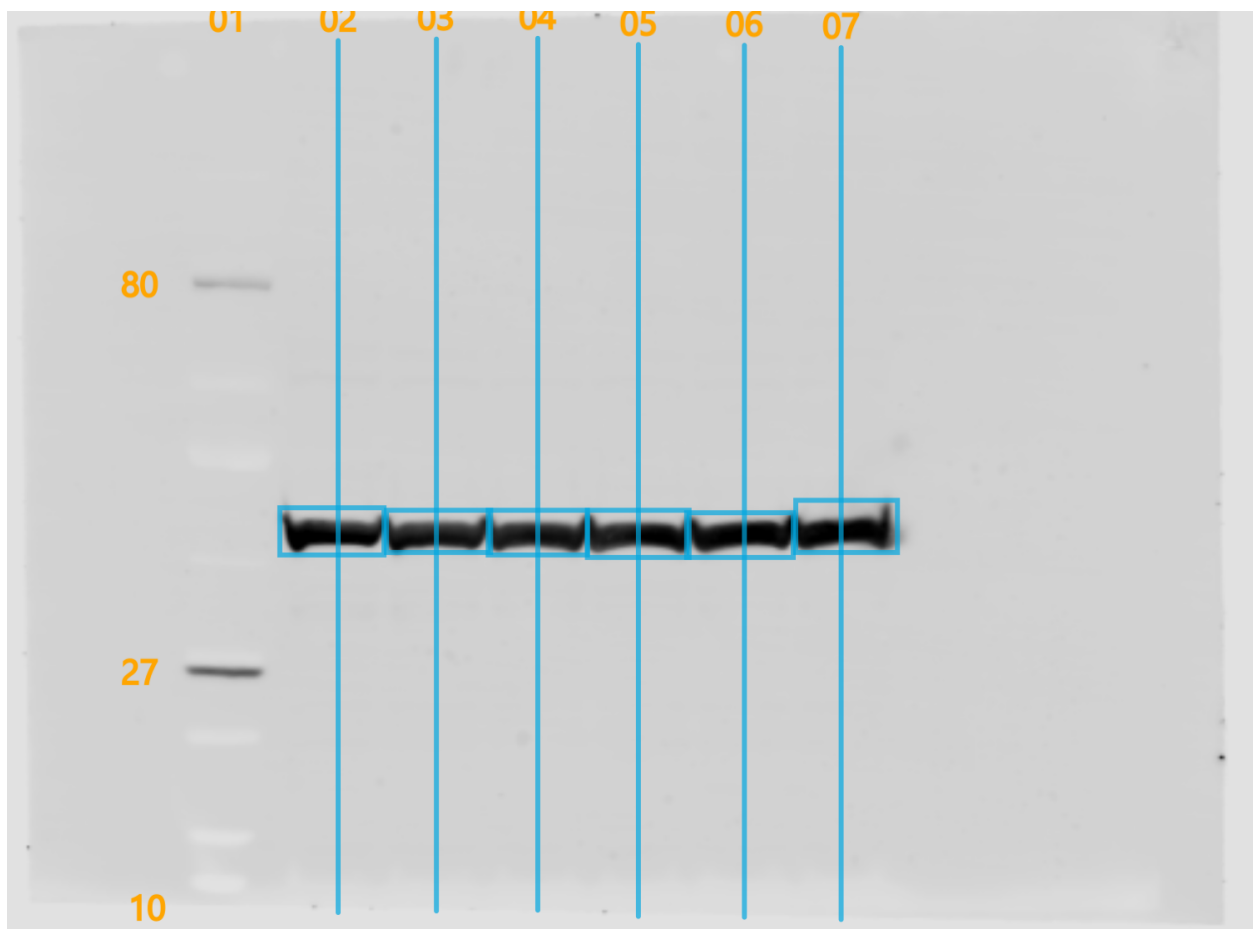
## Experimental Analysis

800 Channel

Image Name: 0000963\_01

Lane Detection: Manual

Protein: B-Actin



### Internal Loading Control Analysis Table

Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	Treatment (nM)	Type
02	DMSO	40.8	29,900	199	02					0	Sample
03	MLN 100 nM	40.8	28,400	201	03					0	Sample
04	MLN 200 nM	41.1	27,400	206	04					0	Sample
05	PMAi + DM...	41.1	29,500	203	05					0	Sample
06	PMAi + ML...	41.1	33,400	239	06					0	Sample
07	PMAi + ML...	41.7	33,700	323	07					0	Sample

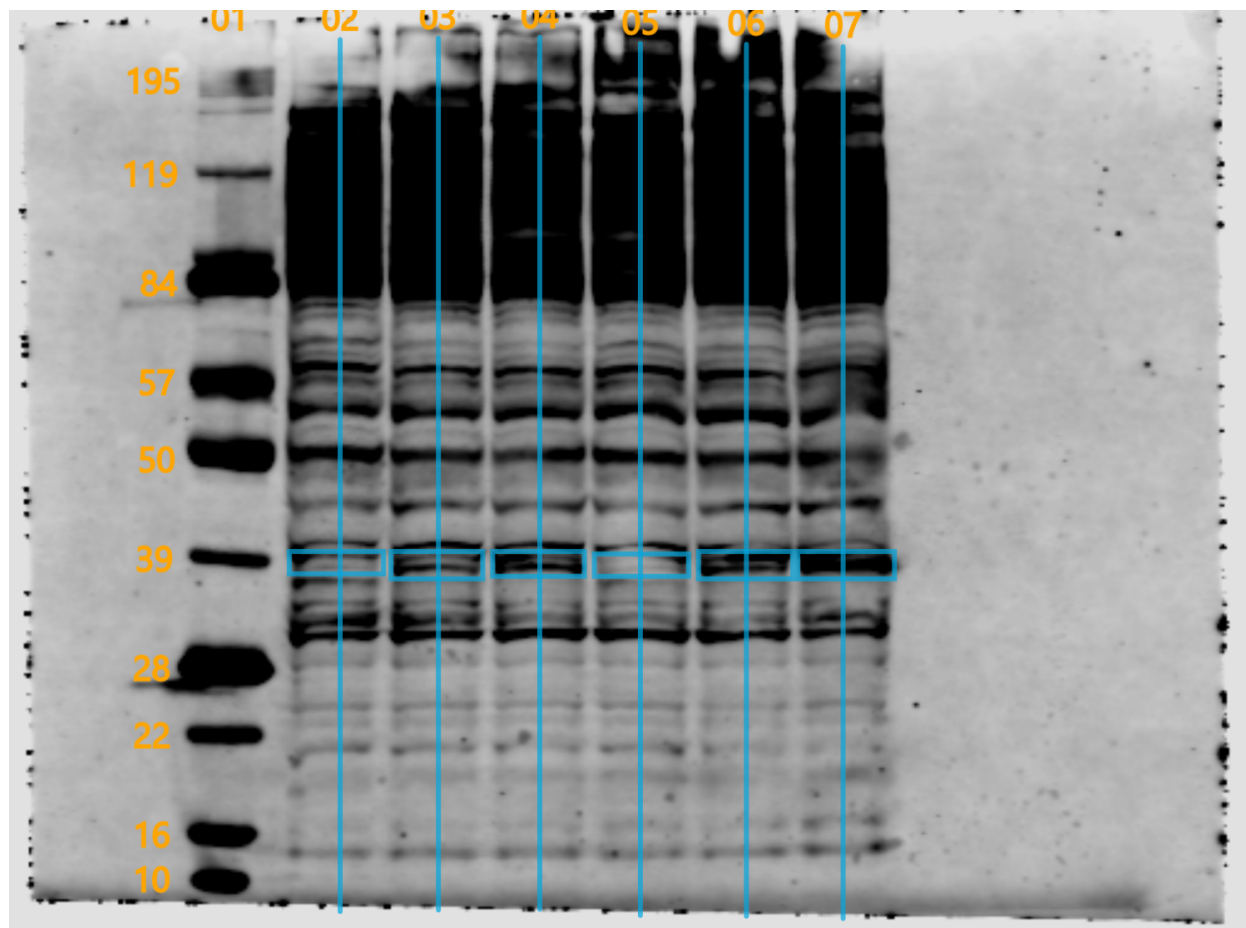
MW values are calculated using marker set iBright 800 on the 800 Channel.

700 Channel

Image Name: 0000963\_01

Lane Detection: Manual

Protein: p-IkBa



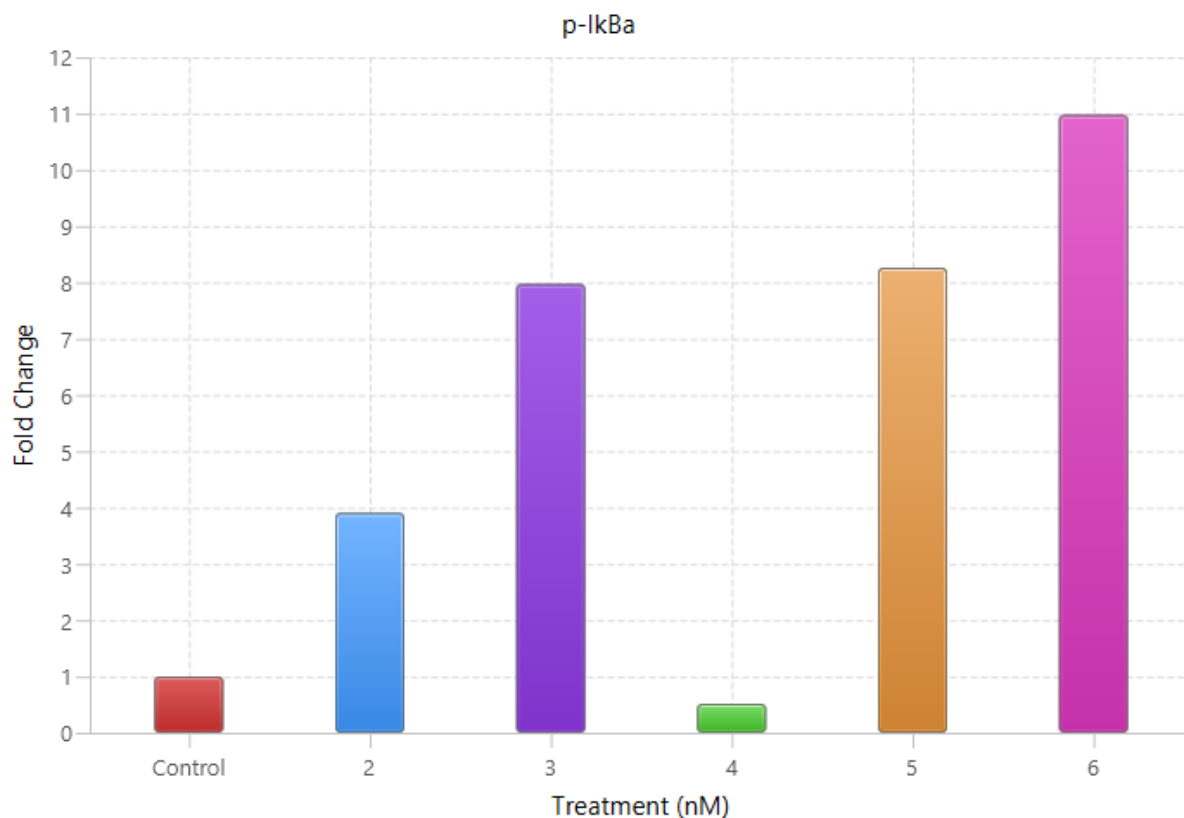
Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (nM)	Type
02	DMSO	39.5	133	2,860	150	0.233	02					0	Sample
03	MLN 100 nM	38.2	492	3,690	584	0.757	03					0	Sample
04	MLN 200 nM	38.2	970	3,770	1,190	1.86	04					0	Sample
05	PMAI + DM...	39.5	67.6	2,490	77.3	0.221	05					0	Sample
06	PMAI + ML...	39.3	1,220	4,410	1,240	2.08	06					0	Sample
07	PMAI + ML...	38.5	1,640	5,030	1,640	2.67	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 (nM)	Fold Change
02	Control	0.00	1.00
03	2	0.00	3.91
04	3	0.00	7.97
05	4	0.00	0.517
06	5	0.00	8.26
07	6	0.00	11.0

## MW Marker Tables

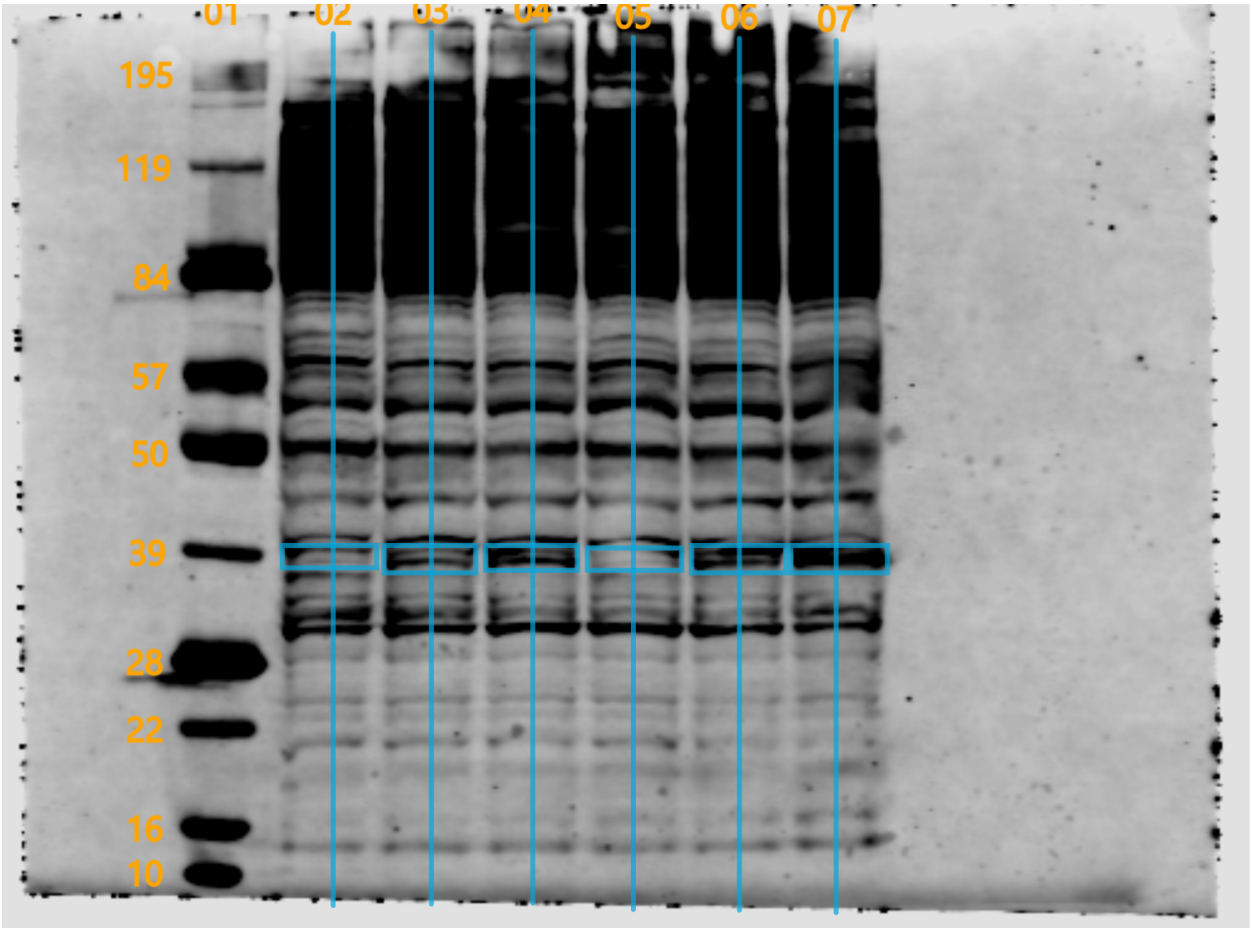
### MW Marker Set iBright 800 on the 800 Channel

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
700	01	Ladder	B10	10

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

Researcher		
<hr/>	<hr/>	<hr/>
Signature	Printed Name	Date

Witness		
<hr/>	<hr/>	<hr/>
Signature	Printed Name	Date