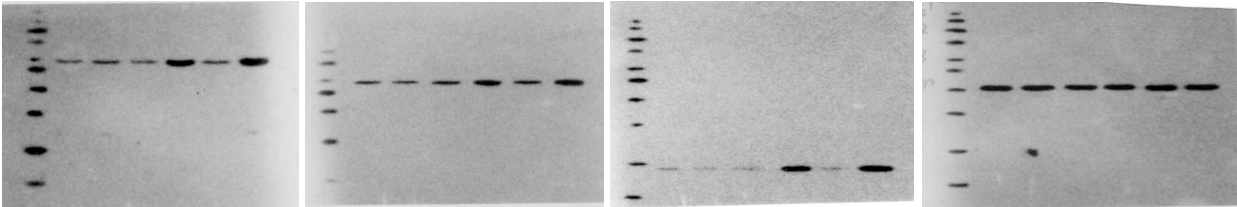


Supplementary date-WB Figures:

Figure S1: Western blot results of whole membrane containing protein molecule maker (Cell Signaling, #7727: the protein ladder consists of 10 engineered proteins ranging in apparent molecular weight from 1o to 200 kDa.)

A: OPN、MMP13、NGF、β-actin protein expression:



B: OPN、MMP13、NGF、β-actin protein expression

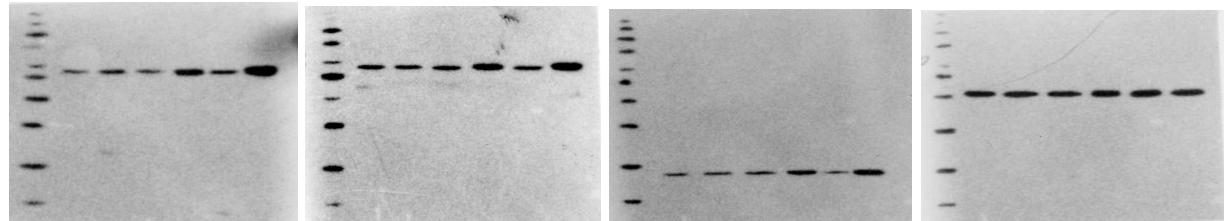


Figure S2. Western blot results of whole membrane containing protein molecule maker (Cell Signaling, #7727: the protein ladder consists of 10 engineered proteins ranging in apparent molecular weight from 1o to 200 kDa.)

O: PCNA、β-actin protein expression

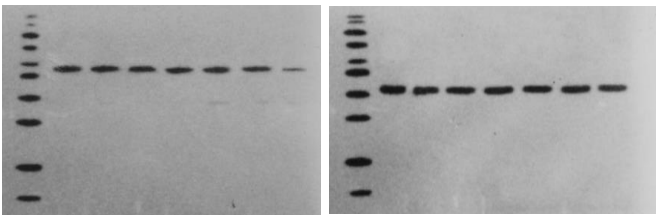
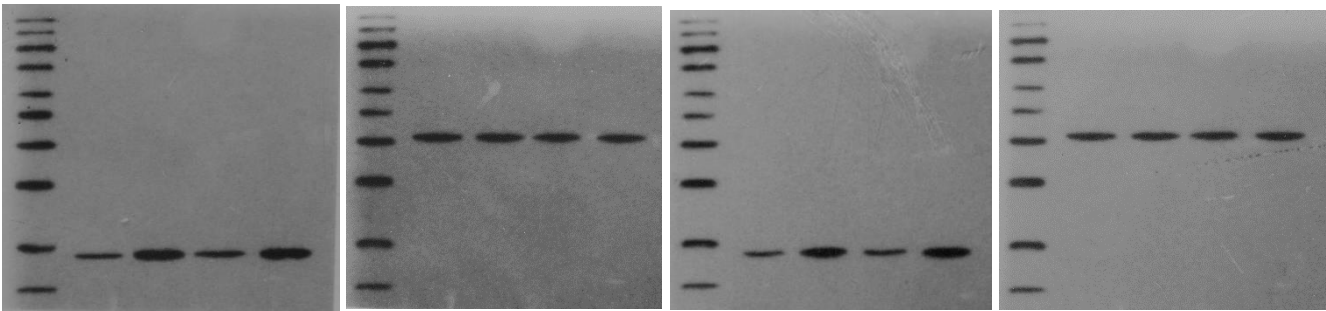


Figure S3:

D:ST---IL-1β、β-actin of IL-1β、TNF-α、β-actin of TNF-αprotein expression



FLS---IL-1β、β-actin of IL-1β、TNF-α、β-actin of TNF-αprotein expression

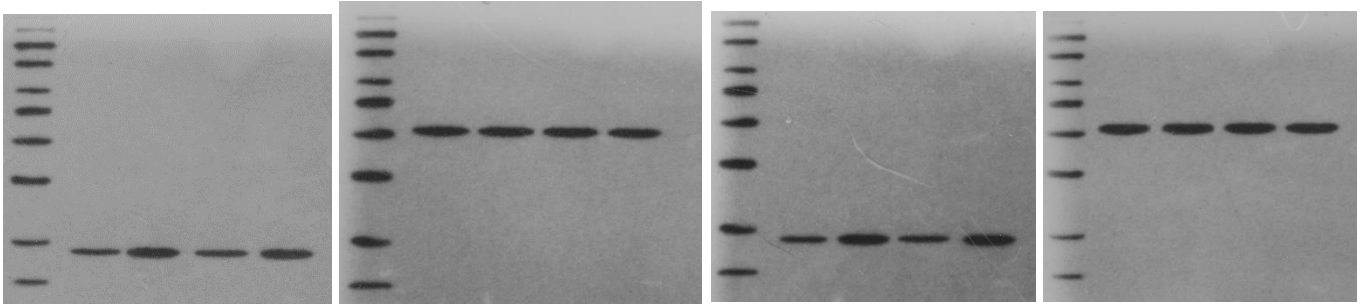
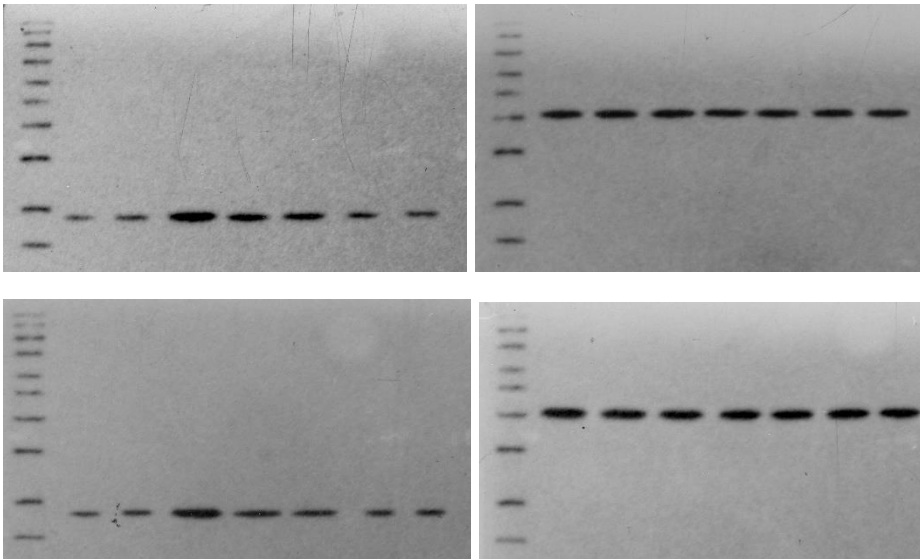


Figure S4: Western blot results of whole membrane containing protein molecule maker (Cell Signaling, #7727: the protein ladder consists of 10 engineered proteins ranging in apparent molecular weight from 10 to 200 kDa.)

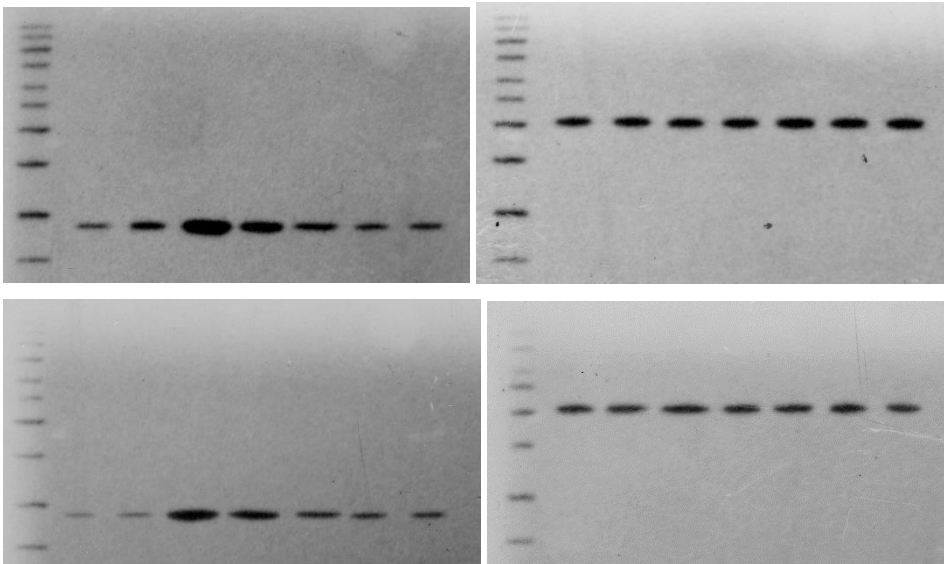
A: 500ng/mL LPS:

IL-1 β 、 β -actin of IL-1 β 、TNF- α 、 β -actin of TNF- α protein expression



1 000ng/mL LPS:

IL-1 β 、 β -actin of IL-1 β 、TNF- α 、 β -actin of TNF- α protein expression



2 000ng/mL LPS:

IL-1 β 、 β -actin of IL-1 β 、TNF- α 、 β -actin of TNF- α protein expression

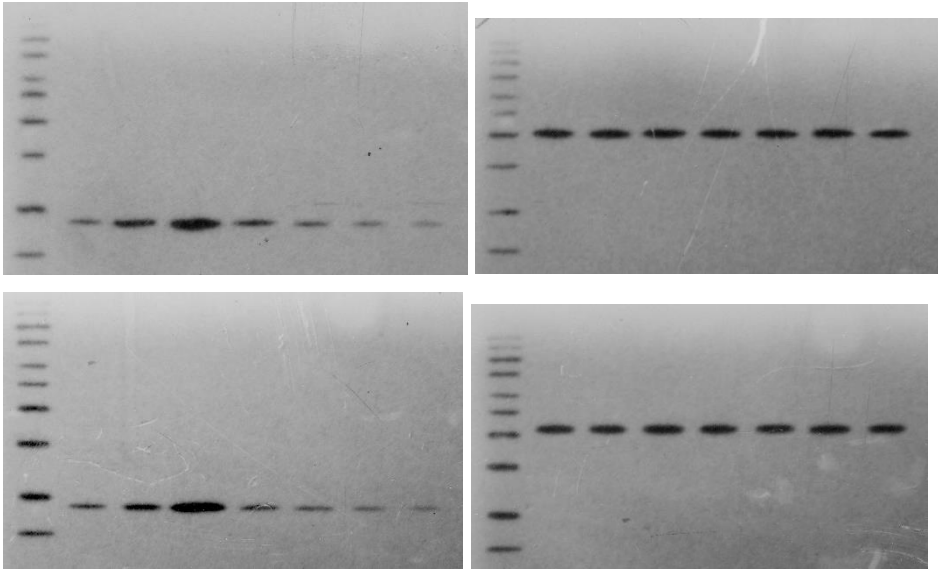
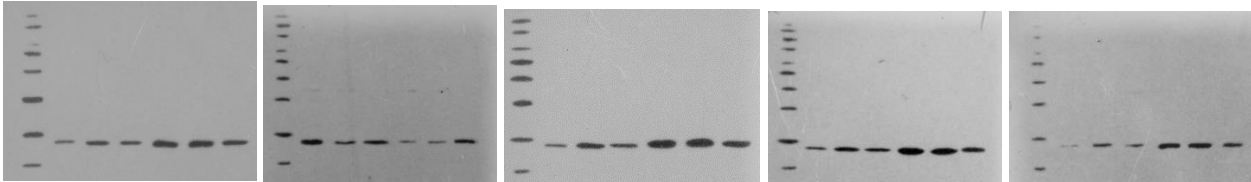
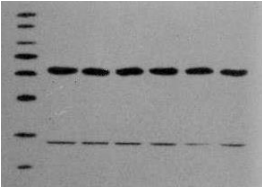


Figure S5: Western blot results of whole membrane containing protein molecule maker (Cell Signaling, #7727: the protein ladder consists of 10 engineered proteins ranging in apparent molecular weight from 10 to 200 kDa.)

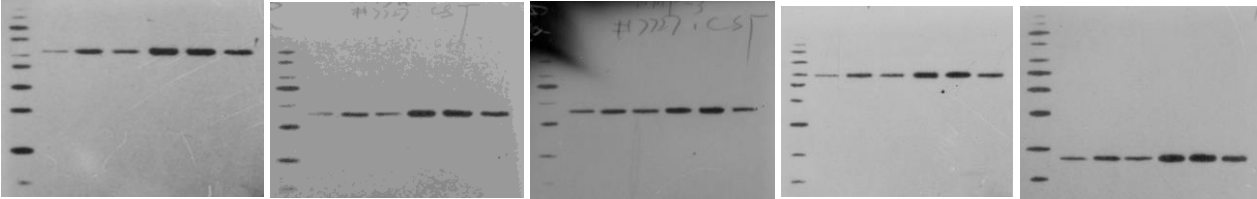
A: IL-1 β , IL-4, IL-6, TNF- α , NGF protein expression



β -action of IL-1 β , IL-4、IL-6、TNF- α and NGF protein expression



G: NF- κ B p65, I κ B α , MMP3, MMP13, VEGFA protein expression



β -action of NF- κ B p65 、 I κ B α 、 MMP3、 MMP13 and VEGFA protein expression

