

## SUPPLEMENTARY TABLES

**Supplementary Table 1. A list of antibodies and reagents used in the study.**

REAGENTS	SOURCE	Cat#
<b>Antibodies</b>		
β-Actin (Mouse mAb)	Protein Tech	60008-1-Ig
GAPDH (Mouse mAb)	Protein Tech	60004-1-Ig
FBXW7 (Rabbit mAb)	Abcam	12992
Phospho-c-Myc T58 (Rabbit mAb)	Abcam	185655
Ym1 (Rabbit mAb)	Abcam	93034
c-Myc (Rabbit mAb)	Cell Signaling Technology	9402
Phospho-ERK (Rabbit mAb)	Cell Signaling Technology	4370
ERK (Rabbit mAb)	Cell Signaling Technology	4695
Phospho-JNK (Rabbit mAb)	Cell Signaling Technology	9251
JNK (Rabbit mAb)	Cell Signaling Technology	9252
Phospho-AKT S473 (Rabbit mAb)	Cell Signaling Technology	4060
Phospho-AKT T308 (Rabbit mAb)	Cell Signaling Technology	13038
AKT (Rabbit mAb)	Cell Signaling Technology	9272
Phospho-STAT6 (Rabbit mAb)	Cell Signaling Technology	56554
Arginase-1 (Rabbit mAb)	Cell Signaling Technology	93668
K48-linkage specific polyubiquitin (Rabbit pAb)	Cell Signaling Technology	8081
STAT6 (Rabbit mAb)	Thermo Fisher Scientific	MA5-15659
MMP9	Santa Cruz Biotechnology	sc-393859
VEGF	Santa Cruz Biotechnology	sc-7269
FC: CD45	biolegend	103116
FC: CD11c	biolegend	117310
FC: CD11b	biolegend	101206
FC: F4/80	biolegend	123131
FC: CD206	biolegend	141720
FC: CD3	biolegend	100236
FC: CD4	biolegend	100434
FC: B220	biolegend	103206
FC: Ly6G	biolegend	127639
FC: Ly6C	biolegend	128014
FC: CD163	biolegend	333613
FC; CD14	biolegend	367143
FC: CD11b	biolegend	301309
FC: MHC II	eBioscience	12-5321-82
FC: CD8	eBioscience	12-0081-82
<b>Chemicals, Peptides, and Recombinant Proteins</b>		
Recombinant Murine IL4	PeptoTech	214-14

Cycloheximide (CHX)	Sigma Aldrich	C4859
MG132	Sigma Aldrich	M8699
Liberase TM	Roche	345474
DnaseI	Thermo Fisher Scientific	EN0521
PMA	Sigma Chemical	P1585
Mouse IL10 uncoated ELISA	Invitrogen	88-7105
Human IL10 uncoated ELISA	Invitrogen	88-7106
Human/Mouse TGF beta1 uncoated ELISA	Invitrogen	88-8350

**Experimental Models: Cell Lines**

Lewis lung carcinoma cells (LLCs)	The Cell Bank of The Chinese Academy of Science, Shanghai, China	TCM 7
A549	The Cell Bank of The Chinese Academy of Science, Shanghai, China	SCSP-503
THP-1	The Cell Bank of The Chinese Academy of Science, Shanghai, China	SCSP-567

**Experimental Models: Organisms/Strains**

C57BL/6J mice	Model Animal Research Center of Nanjing University	N000013
FBXW7 <sup>fl/fl</sup> C57BL/6J mice	the Jackson Laboratory	017563
Lysm-Cre C57BL/6J mice	Prof. Ximei Wu of Zhejiang University.	not available

**Oligonucleotides**

siRNA targeting sequence:c-Myc#1 CCGTACAGCCCTATTTTCAT	this paper	not available
siRNA targeting sequence:FBXW7 CCAGAGAAATTGCTTGCTT	this paper	not available

**Software and Algorithms**

FlowJO	FlowJO	<a href="https://www.flowjo.com/">https://www.flowjo.com/</a>
imageJ	imageJ	<a href="https://www.imagej.net/">https://www.imagej.net/</a>
Graphpad Prism 8	Graphpad software	<a href="http://www.graphpad.com">http://www.graphpad.com</a>

**Supplementary Table 2. Primers for RT-PCR.**

<b>Gene (mouse)</b>	<b>Forward (5'-3')</b>	<b>Reverse (5'-3')</b>
$\beta$ -actin	AGTGTGACGTTGACATCCGT	GCAGCTCAGTAACAGTCCGC
Arginase-1	CTCCAAGCCAAAGTCCTTAGAG	AGGAGCTGTCATTAGGGACATC
Fizz1	CCAATCCAGCTAACTATCCCTCC	CCAGTCAACGAGTAAGCACAG
Ym1	CAGGTCTGGCAATTCTTCTGAA	GTCTTGCTCATGTGTGTAAGTGA
FBXW7	GTGATAGAGCCCCAGTTCCA	CCTCAGCCAAAATTCTCCAG
MMP9	CTGGACAGCCAGACACTAAAG	CTCGCGGCAAGTCTTCAGAG
IL-10	TGGCCCAGAAATCAAGGAGC	CAGCAGACTCAATACACACT
VEGF $\alpha$	GGAGATCCTTCGAGGAGCACTT	GGCGATTTAGCAGCAGATATAAGAA
TGF $\beta$	GAAGGCAGAGTTCAGGGTCTT	GGTTCCTGTCTTTGTGGTGAA
c-Myc	ATGCCCTCAACGTGAACTTC	CGCAACATAGGATGGAGAGCA

**Supplementary Table 3. Primers for RT-PCR.**

<b>Gene (human)</b>	<b>Forward (5'-3')</b>	<b>Reverse (5'-3')</b>
$\beta$ -actin	CTCCATCCTGGCCTCGCTGT	GCTGCTACCTCCACCGTTCC
Arginase-1	TGGACAGACTAGGAATTGGCA	CCAGTCCGTCAACATCAAAACT
CD163	GACGCATTTGGATGGATCATGT	CCCACCGTCCTTGGAAATTGA
IL10	TCAAGGCGCATGTGAACTCC	GATGTCAAACACTCACTCATGGCT
TGF $\beta$	CTAATGGTGGAACCCACAACG	TATCGCCAGGAATTGTTGCTG