

Supplemental Table 1

Table S1

Antibodies used in this study		
Western blot		
Protein name	Dilution	Company
Primary antibody		
HIF-1α	1:1000	CST#36169
Lamin B1	1:1000	CST#13435
Secondary antibody		
Goat anti-rabbit IgG HRP	1:2000	CST #7074
Immunohistochemistry		
Primary antibody		
CD8	1:250	CST#98941
CD4	1:4000	abcam#ab237722
Foxp3	1:100	Biolegend#126402
IL2	1:100	Biolegend#503802
Secondary antibody		
Goat anti-rabbit IgG HRP	Undiluted	Nichirei #414341
Flowcytometry		
Purified CD16/32(93)	1:100	Biolegend#101302
APC/Cy7-CD45(30-F11)	1:100	Biolegend#103116
FITC-CD45(S18009F)	1:100	Biolegend#157214
Pacific Blue-CD3(17A2)	1:100	Biolegend#100214
APC/Cy7-CD3(17A2)	1:100	Biolegend#100222
APC-CD4(GK1.5)	1:100	Biolegend#100412
APC-CD8(53-6.7)	1:100	Biolegend#100712
FITC-CD8(53-6.7)	1:100	Biolegend#100706
PE-Foxp3(MF-14)	1:100	Biolegend#126404
APC-CD25(3C7)	1:100	Biolegend#101910
FITC-IFN-γ(XMG1.2)	1:50	Biolegend#505806
PE-Granzyme B(QA16A02)	1:20	Biolegend#372208
PE/Cy7-IL2(JES6-5H4)	1:20	Biolegend#503832
APC-CD69(H1.2F3)	1:100	Biolegend#104514
Brilliant Violet-PD1(29F.1A12)	1:100	Biolegend#135218
PE-TIM3(RMT3-23)	1:100	Biolegend#119704
APC-Ly108(330-AJ)	1:100	Biolegend#134610
Zombie Yellow-Fixable Viability Dye	1:500	Biolegend#423104
7AAD-Viability dye	1:100	Biolegend#420404

Supplemental Table 2

Table S2	
Taqman gene expression assays used for RT-qPCR.	
RT-qPCR	
Gene	Taqman gene expression assay kit
GAPDH	Mm 99999915_g1
IFN-γ	Mm 01168134_m1
granzyme B	Mm00442834_m1
CXCL9	Mm 00434946_m1
CXCL10	Mm 00445235_m1
IL2	Mm 00434256_m1
TNFα	Mm00443258_m1
granzyme A	Mm01304452_m1
perforin	Mm00812512_m1
IL10	Mm 00439614_m1

Supplemental Table 3

Table S3		Ctrl	Roxadustat	Vadadustat
WBC	10 ² /uL	77.00 ±11.51	136.00 ±27.33	112.40 ±20.03
RBC	10 ⁴ /uL	921.17 ±134.04	1061.40 ±90.75	1022.00 ±64.48
HGB	g/dL	14.9 ±2.18	17.74 ±1.87	17.24 ±1.03
HCT	%	41.08 ±5.99	48.02 ±3.8	47.26 ±2.68
MCV	fL	44.58 ±0.27	45.28 ±0.44	46.26 ±0.55
MCH	pg	16.17 ±0.23	16.68 ±0.48	16.88 ±0.32
MCHC	g/dL	36.27 ±0.58	36.90 ±1.35	36.48 ±0.36
PLT	10 ⁴ /uL	50.58 ±34.51	53.22 ±26.05	66.98 ±9.17
RDW	%	14.05 ±0.27	14.10 ±0.47	14.84 ±0.56
PCT	%	0.2 ±0.13	0.22 ±0.10	0.29 ±0.04
MPV	fL	4.05 ±0.39	4.22 ±0.23	4.30 ±0.51
PDW	%	15.57 ±0.76	15.80 ±0.33	15.98 ±0.78

Table S3: Blood tests were performed after 14 days of treatment for mice without tumor (n=5). The results are presented as the means ± S.E.M. of a representative experiment performed in triplicate.