

Table 4: *In vivo* biodistribution 72h (also see Supplementary Fig. S3B). Statistical differences calculated between anti-CD40 and rat IgG2a and the two administration routes (n=3-4, Student's paired t-test).

Tissue	Anti-CD40 vs ratIgG2a i.v.	Anti-CD40 vs ratIgG2a p.t.	Anti-CD40 i.v. vs p.t.
Blood	*** (P=0.0002)	*** (P=0.0001)	ns
Lung	* (P=0.0491)	* (P=0.0113)	ns
TDLN right (injected side)	n/a	* (P=0.0124)	n/a
Tumor right	*** (P=0.0003)	** (P=0.0023)	ns
TDLN left (non-injected side)	ns	ns	ns
Tumor left	* (P=0.0328)	* (P=0.0113)	ns
Liver	** (P=0.0021)	*** P(<0.0001)	ns
Spleen	*** (P=0.0007)	* (P=0.0150)	ns
Pancreas	* (P=0.0462)	** (P=0.0074)	ns
Colon	* (P=0.0496)	** (P=0.0019)	ns
Kidney	*** (P=0.0002)	*** (P=0.0003)	ns
Skin	*** (P=0.0002)	** (P=0.0014)	ns
Muscle	* (P=0.0130)	** (P=0.0073)	ns
Bone	ns	* (P=0.0127)	ns
GI tract [#]	** (P=0.0021)	*** (P=0.0003)	ns
Carcass [#]	*** (P<0.0001)	*** (P<0.0001)	ns

[#] = data is calculated from % injected dose per sample instead of per gram tissue as for remaining organs.

ns = not significant

n/a = not applicable