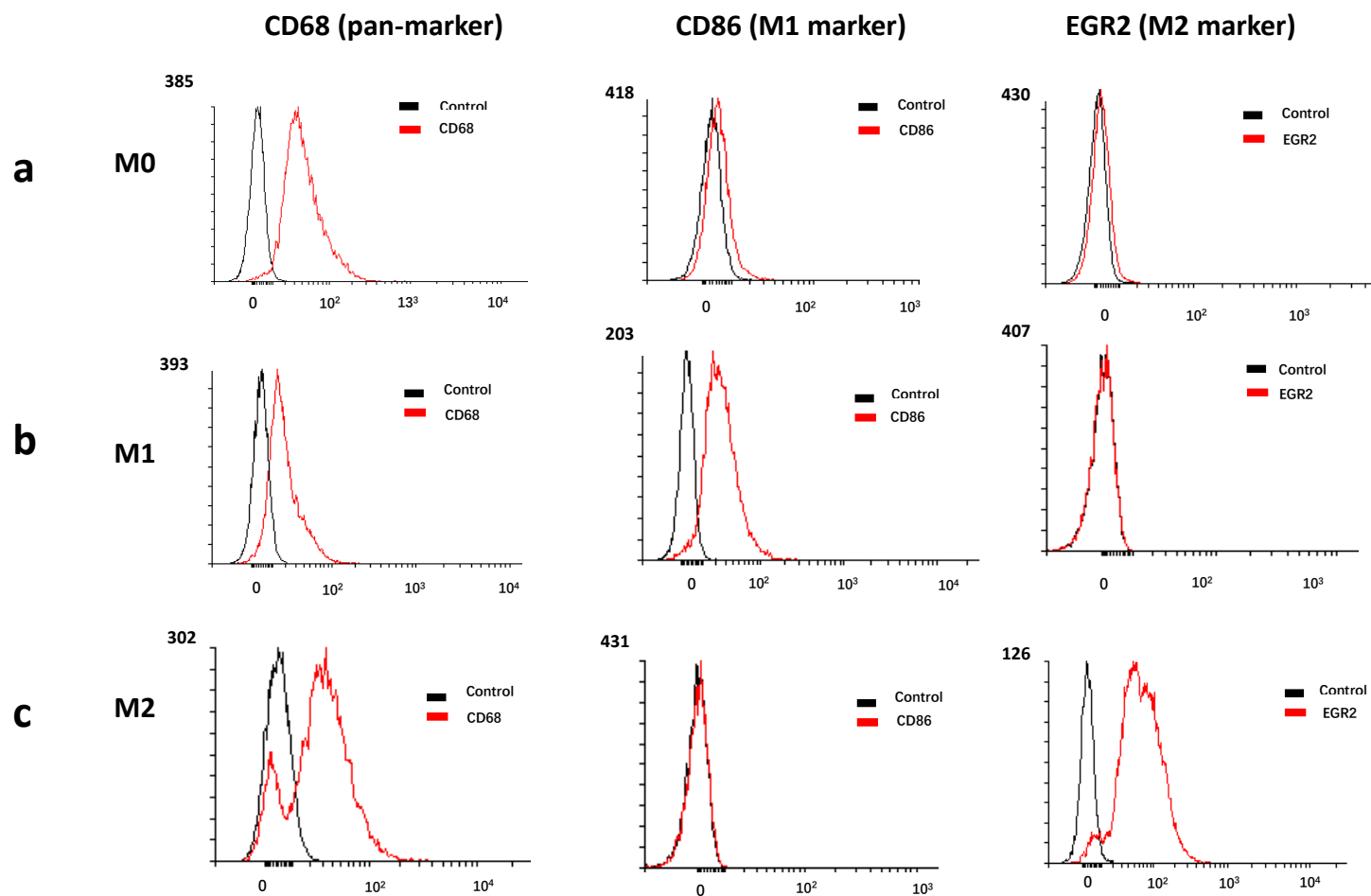


**Table S1. Eggs with and without detectable tumour at day 14 embryonation in Chick embryo after tumour cell implantation**

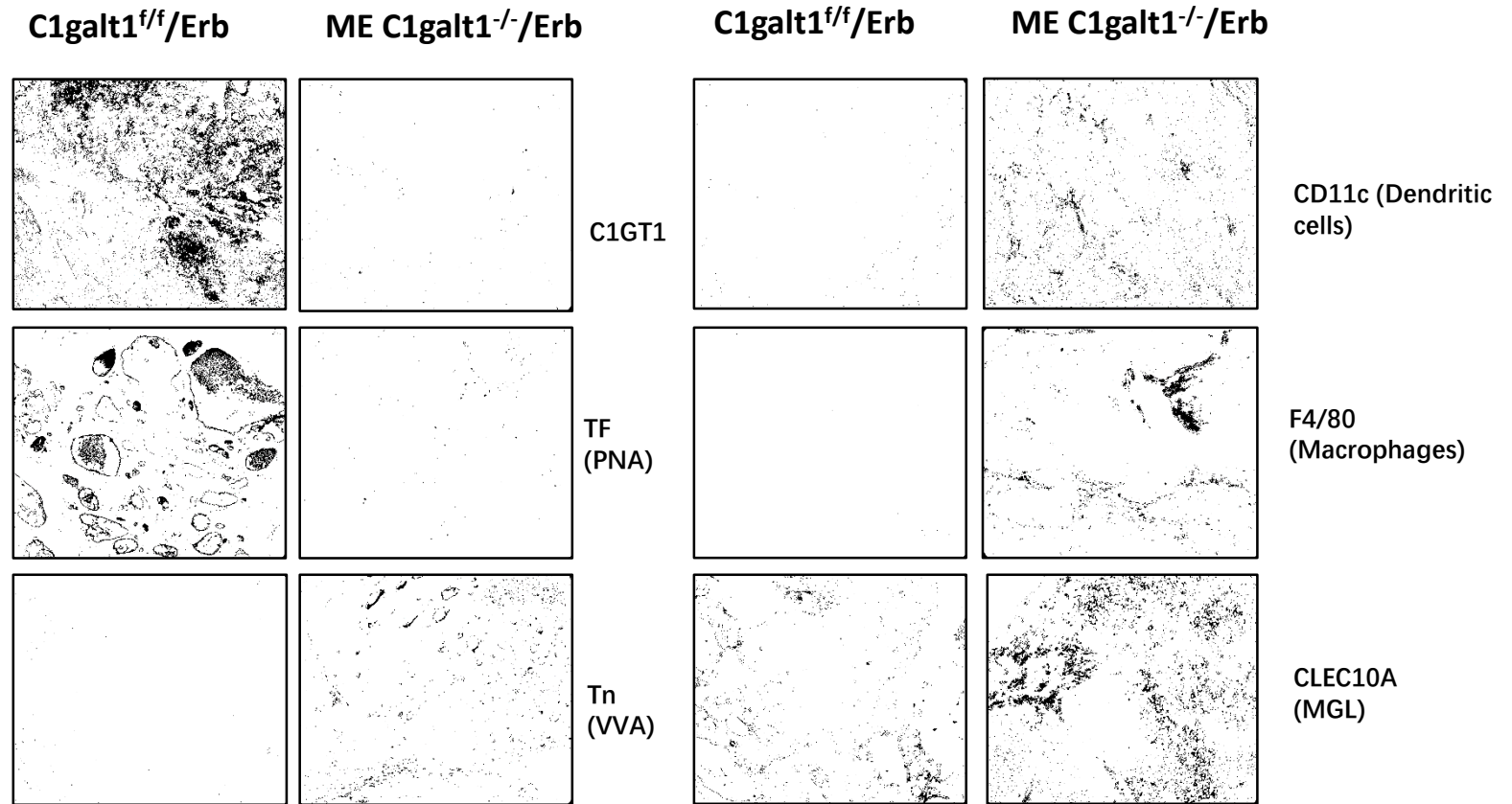
	Eggs with tumour /Total eggs	Eggs without tumour /Total eggs	p value
SW620shCon	24/42	18/42	0.001
SW620shC1GT	8/42	34/42	
SW620shCon+Gal3	8/24	16/24	0.011
SW620shC1GT+Gal3	3/24	21/24	

**Table S2. Cell membrane proteins extracted by galectin-3 and MGL from both SW620shcon and SW620shC1GalT1 cells**

Cell membrane proteins extracted by galectin-3 from both SW620shCon and SW620shC1GT cells	Cell membrane proteins extracted by MGL from both SW620shCon and SW620shC1GT cells
14-3-3 protein	Annexin A1
Annexin A1	Annexin A2
Annexin A2	Annexin A3
Annexin A3	CD98 antigen
CD98 antigen	Clathrin heavy chain 1
Ep-CAM	Complement component 1 Q subcomponent-binding protein
Galectin-1	Dnj3
Galectin-3-binding protein	eIF-2gX
HMG-2	Extended synaptotagmin-1
HMGA1	FAU ubiquitin-like and ribosomal protein S30
LAMP-1	G25K GTP-binding protein
LAMP-2	Galectin-1
LCP-1	Galectin-3
MCT 4	Galectin-3-binding protein p105
Membrane-associated progesterone receptor component 1	Magnesium transporter protein 1
Moesin	MCT 1
p27RF-Rho	MCT 4
p59-Fyn	Moesin
Prohibitin-2	Multifunctional protein ADE2
Protein S100-A10	MYH-1c
Protein S100-A6	Parkinson disease protein 7
Receptor of activated protein C kinase 1	Plastin-2
SLC12A2	Protein S100-A4
Spectrin alpha chain, non-erythrocytic 1	Receptor of activated protein C kinase 1
Spectrin beta chain, non-erythrocytic 1	ZO-1
Src substrate cortactin	
Vimentin	



**Figure S1. Confirmation of THP-1 macrophage differentiation.** THP-1 cells were incubated with 10 ng/ml PMA for 48 h at 37°C. The cells were released with NECDs, washed once with PBS and fixed with 2% formaldehyde for 30 min. After two washes with PBS, the cells ( $5 \times 10^5$  cells/ml) were incubated with 1% BSA/PBS for 20 min before incubation with PE-conjugated antibodies against pan-macrophage marker CD68, M1 macrophage marker CD86 and M2 macrophage marker EGR2 and analysed by flow cytometry (a). THP-1 differentiated M0 macrophages were treated with 50 ng/ml IFN- $\gamma$  and 100 pg/ml LPS for 24 h before analysed by flow cytometry for expression of macrophage markers (b). THP-1 differentiated M0 macrophages were treated with 60 ng/ml IL-4 for 72 h before analysed by flow cytometry for expression of macrophage markers (c). Representative flow cytometry histograms from three independent analysis are shown.



**Figure S2. Binary images in evaluation of macrophage and DC tumour infiltration.** Immunohistochemistry images of the mice sections were quantified using Fiji Image J. The final binary images of Fig 7 c (left panel) and d (right panel) were shown as example here.