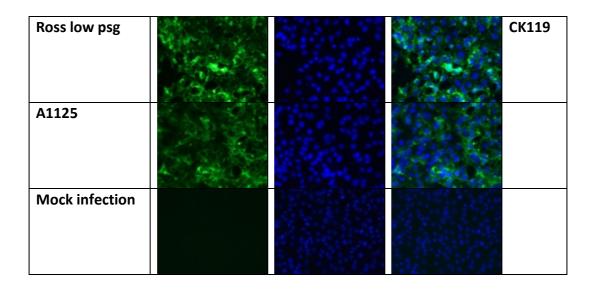
S2 Fig

Chikungunya	Alexa Fluor 488	DAPI	Merge	mAb
virus CP10 strain				3D11
Ross low psg				
A1125				
Mock infection				
CP10				11E11
Ross low psg				
A1125				
Mock infection				
CP10				13H11

Ross low psg	788. TAS		
		174	
A1125			
Mock infection			
CP10			15B2
Ross low psg			
A1125			
Mock infection			
CP10			19B8
Ross low psg			
A1125			

Mock infection		S 22 18 18 2 2 1	C 22 C C C C C C
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Ross low psg		1.5	
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	S. Carlotte	Alexander Control	A STATE OF THE STA
A1125		02373 28	0.00
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		Sec. 25. 3	State of the state of the
		1	A STATE OF
Mock infection			
CP10	A 32 - 1 - 1	the territory	CK47
CP10		3.70	CK47
CP10	4		CK47
			CK47
Ross low psg			CK47
			CK47
			CK47
Ross low psg			CK47
			CK47
Ross low psg			CK47
Ross low psg A1125			CK47
Ross low psg			CK47
Ross low psg A1125			CK47
Ross low psg A1125			CK47
Ross low psg  A1125  Mock infection			
Ross low psg A1125			CK47
Ross low psg  A1125  Mock infection			
Ross low psg  A1125  Mock infection			



**S2 Fig. Reactivity profile of anti-CHIKV E1 mAbs against CHIKV-infected Vero cells.** Three strains of CHIKV (CP10 (ECSA-IOL), Ross low psg (ECSA genotype), and ARUBA-1125 (Asian genotype)) were used to infect Vero cells. Infected cells were stained with anti-CHIKV E protein monoclonal antibodies (mAb), name as indicated. Mouse anti-CHIKV E1 mAbs CK47 (reactivity restricted to ECSA-IOL) and CK119 (broadly reactive to CHIKV) were used as positive controls to detect CHIKV virus-infected cells. The detection was based on Alexa Fluor 488-conjugated secondary antibody (green, left panels). DAPI nuclear counterstain was used to stain nuclei of cells (blue, middle panels). Alexa Fluor 488 and DAPI images were merged using ImageJ 1.50i (National Institutes of Health USA) and the merged images are shown in the right panels (Merge). Images are representative of results obtained from three independent experiments and were taken under 40x objective magnification using a fluorescence microscope (Carl Zeiss, Oberkochen, Germany).