SUPPLEMENTAL DATA

Supplemental TABLE 1
Levels of eicosanoids produced by Dectin-$1^{-/-}$ peritoneal macrophages relative to wild type macrophages stimulated with *C. albicans* and P-βG

Time	Eicosanoid	*C. albicans*	P-βG
		%	%
1 h	PGE_2	32.8±9.2*	0.7±0.6*
	6-keto $PGF_1\alpha$	35.0±6.0*	3.8±2.7*
	LTC_4	44.6±12.3*	4.3±2.3*
6 h	PGE_2	141.6±25.2	6.3±3.2*
	6-keto $PGF_1\alpha$	133.3±28.9	6.3±4.0*
	LTC_4	155.5±34.9	7.7±4.9*

The *asterisk* indicates a significant decrease ($p<0.05$) in eicosanoid production by Dectin-$1^{-/-}$ macrophages compared to wild type macrophages (100%).

Supplemental TABLE 2
Levels of eicosanoids produced by MyD88$^{-/-}$ peritoneal macrophages relative to wild type macrophages stimulated with *C. albicans*

Time	Eicosanoid	*C. albicans*
		%
6 h	PGE_2	6.8±3.3*
	6-keto $PGF_1\alpha$	15.0±3.1*
	LTC_4	14.4±5.5*

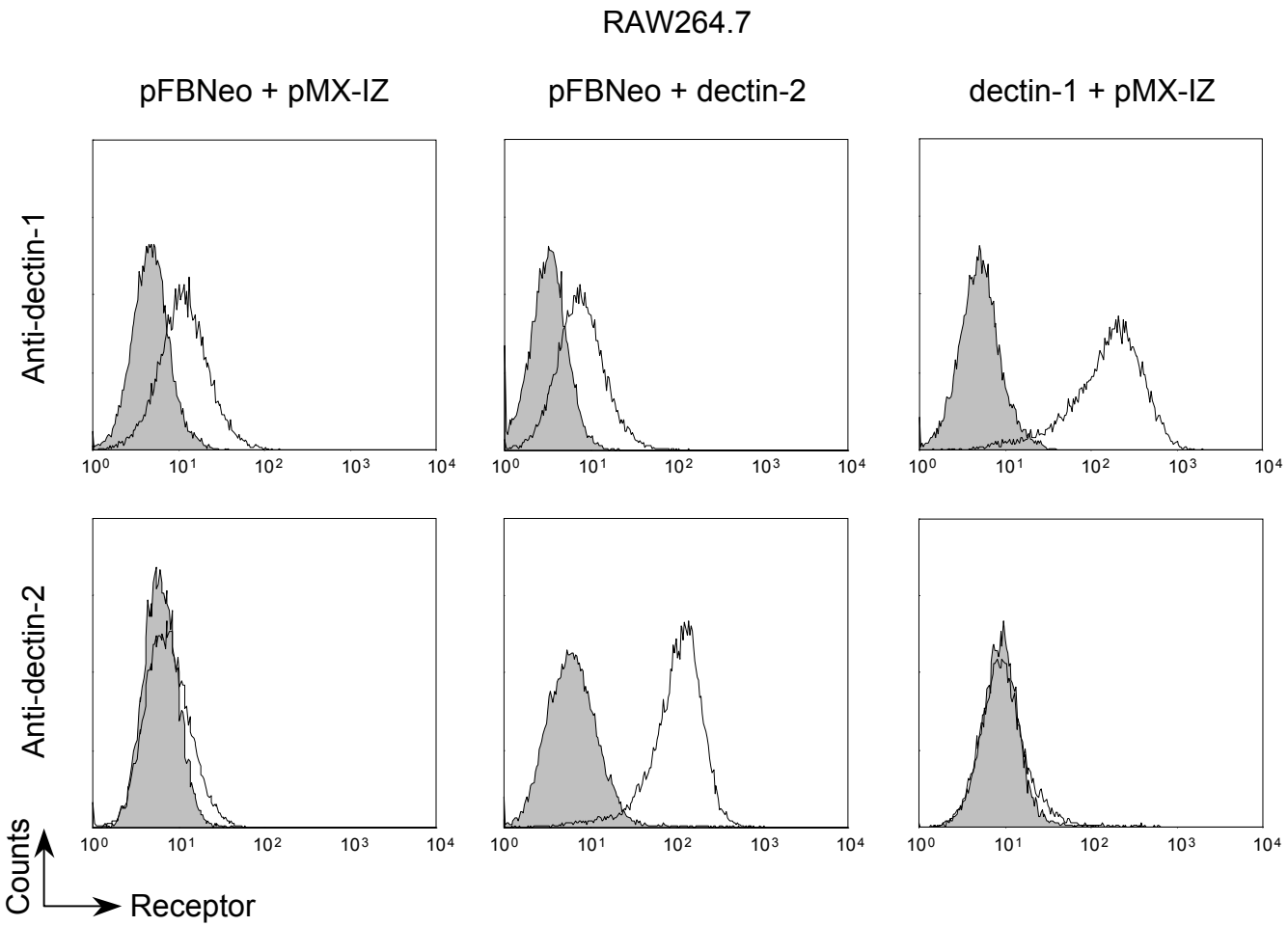
The *asterisk* indicates a significant decrease ($p<0.05$) in eicosanoid production by MyD88$^{-/-}$ macrophages compared to wild type macrophages (100%).

FIGURE LEGENDS

Supplemental Fig. 1. FACS analysis of RAW264.7 Dectin-1 and Dectin-2 over-expressing cell lines. RAW264.7 cells expressing Dectin-1, Dectin-2 or empty vectors (pFBNeo, pMX-IZ) were stained with anti-Dectin-1 (open histograms in upper panels), anti-Dectin-2 (open histograms in lower panels) or with isotype-control antibody (shaded histograms). RAW264.7 controls express a low level of Dectin-1 but not Dectin-2, and their expression is increased in cells stably over-expressing these receptors.

Supplemental Fig. 2. Calcium responses of RAW264.7 Dectin-1 and Dectin-2 over-expressing cell lines to ionomycin. Live cell calcium imaging of vector control cells and RAW264.7 cells expressing Dectin-1 or Dectin-2 loaded with Fluo-4 was carried out over time after the addition of 1 μM ionomycin. Data are presented (F_T/F_0) relative to time 0, and starting F_0 for each cell is set at 1. Each tracing represents data from an individual cell from a representative of 3 experiments. Ionomycin induces increases in $[Ca^{2+}]_i$ in vector controls and in RAW264.7 cells over-expressing Dectin-1 and Dectin-2. For reasons not understood there is a more sustained increase in $[Ca^{2+}]_i$ in cells over-expressing Dectin-1.

Supplemental Fig. 1



Supplemental Fig. 2