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Supporting Information

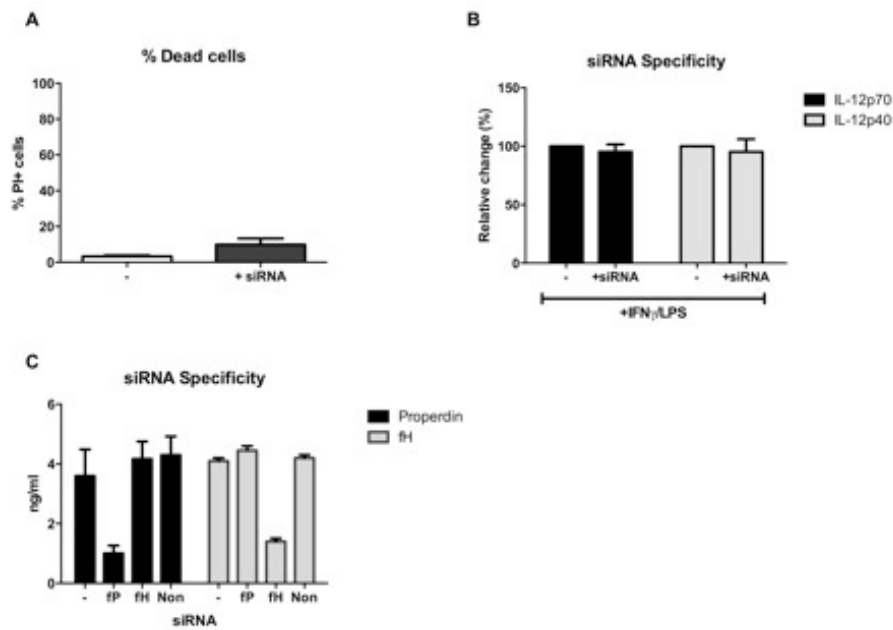
for

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**Properdin and factor H production by human dendritic cells modulates their  
T-cell stimulatory capacity and is regulated by IFN- $\gamma$**

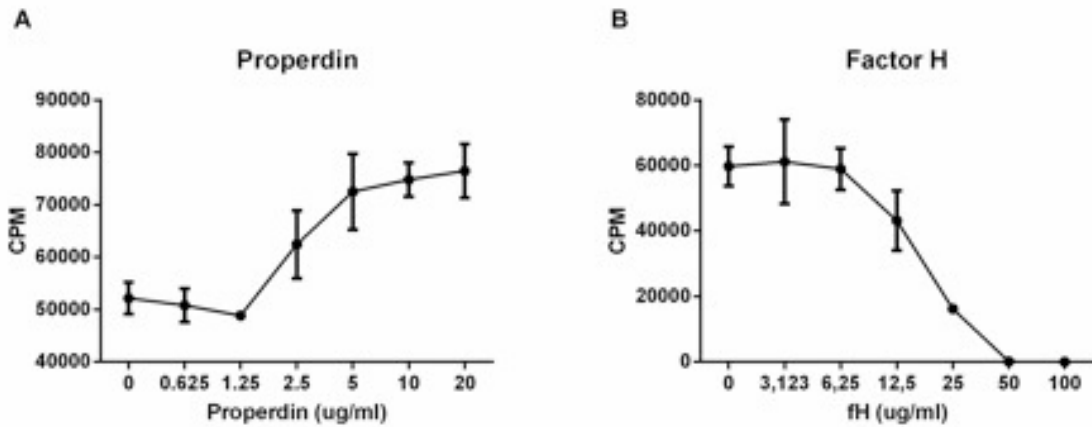
650 **Supplementary Figures:**



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652 **Supplementary Figure 1:** DCs were either non-treated or treated with siRNA targeting  
 653 fP+fH together, and assessed for cell viability (A). After 24 hours of culture, under  
 654 IFN $\gamma$ +LPS stimulation, supernatants were harvested, IL-12p40 and IL-12p70 was measured  
 655 by ELISA (B). 100% represents the level of IL-12p40 or IL-12p70 with IFN $\gamma$ +LPS  
 656 stimulation but without siRNA. The level of IL-12p40/p70 in cells with IFN $\gamma$ +LPS  
 657 stimulation and siRNA was calculated relative to the non-siRNA treated counterparts from  
 658 the same donor. DCs were either non treated, or treated with siRNA targeting fP, fH or non-  
 659 specific (non) target. (C) After 24 hours of culture, supernatants were harvested and fP and  
 660 fH was measured by ELISA.

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 663 **Supplementary Figure 2:** Total CD4<sup>+</sup> T cells (100,000/well) were stimulated with  
 664  $\alpha$ CD3/ $\alpha$ CD28 coated beads for 5 days in the presence of increasing concentrations of (A) fP  
 665 or (B) fH. T cell proliferation was determined at day 5 of culture by <sup>3</sup>[H] incorporation. Data  
 666 shown are the mean  $\pm$ SD of triplicate cultures and are representative of 2 independent  
 667 experiments.

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**Supplementary Table 1:** CT value ranges obtained in DC and toIDC for CFP and CFH under steady state (medium) or stimulated conditions (IFN $\gamma$ /LPS).

DC	fP	fH	toIDC	fP	fH
Medium	23.3 - 26.4	25.0 - 30.3	Medium	22.1 – 23.6	22.5 – 24.3
IFN $\gamma$	24.7 - 27.6	23.0 - 27.8	IFN $\gamma$	23.7 – 26.5	20.4 – 23.2
LPS	23.3 - 26.3	25.1 - 30.9	LPS	20.9 – 23.7	21.8 – 25.3

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