

Figure S3. Isolation and characterization of pMCs

Placental cells from healthy donors were collected after enzymatic trypsinic digestion and Percoll cushion procedure. **(A)** The presence of pMCs in total placental cells were observed by flow cytometry using $Fc\epsilon R1^+/CD117^+$ and **(B)** tryptase staining. **(C)** Placental MCs were isolated using double magnetic beads selection and their morphology and granularity were observed by colorations including MGG (upper panel) and toluidine blue (lower panel, black arrows), **(D)** scanning electron and **(E)** confocal microscopy (DNA (blue), F-actin (green) and tryptase (red)). Data are the mean \pm SD of triplicate samples and are representative of three experiments. * $p \leq 0.05$ and ** $p \leq 0.01$.

