



Supplementary Figure S2 Expression of IgG proteins and mRNA transcripts in human placentas of different trimesters. **(A–C)** Hematoxylin and eosin (H&E) staining of the placenta shows no abnormality. **(E–G)** Positive Ig γ IHC staining and **I–K**, positive ISH mRNA signals (with an IGHG1 anti-sense probe) can be seen in trophoblasts of placentas from all three trimesters (1TP, 2TP and 3TP represent the first, second and third trimester placenta respectively). **(M–O)** The specificity of ISH is confirmed by the absence of specific signal when using an IGHG1 sense probe as negative control. **(D, H, L and P)** Tissues of human tonsils. Positive ISH signals with an IGHG1 anti-sense probe (D) and positive Ig γ (H), Ig κ (L) and Ig λ (P) IHC signals in B lymphocytes as positive controls. Scale bars, 50 μ m (A–L and P), 100 μ m (M–O).