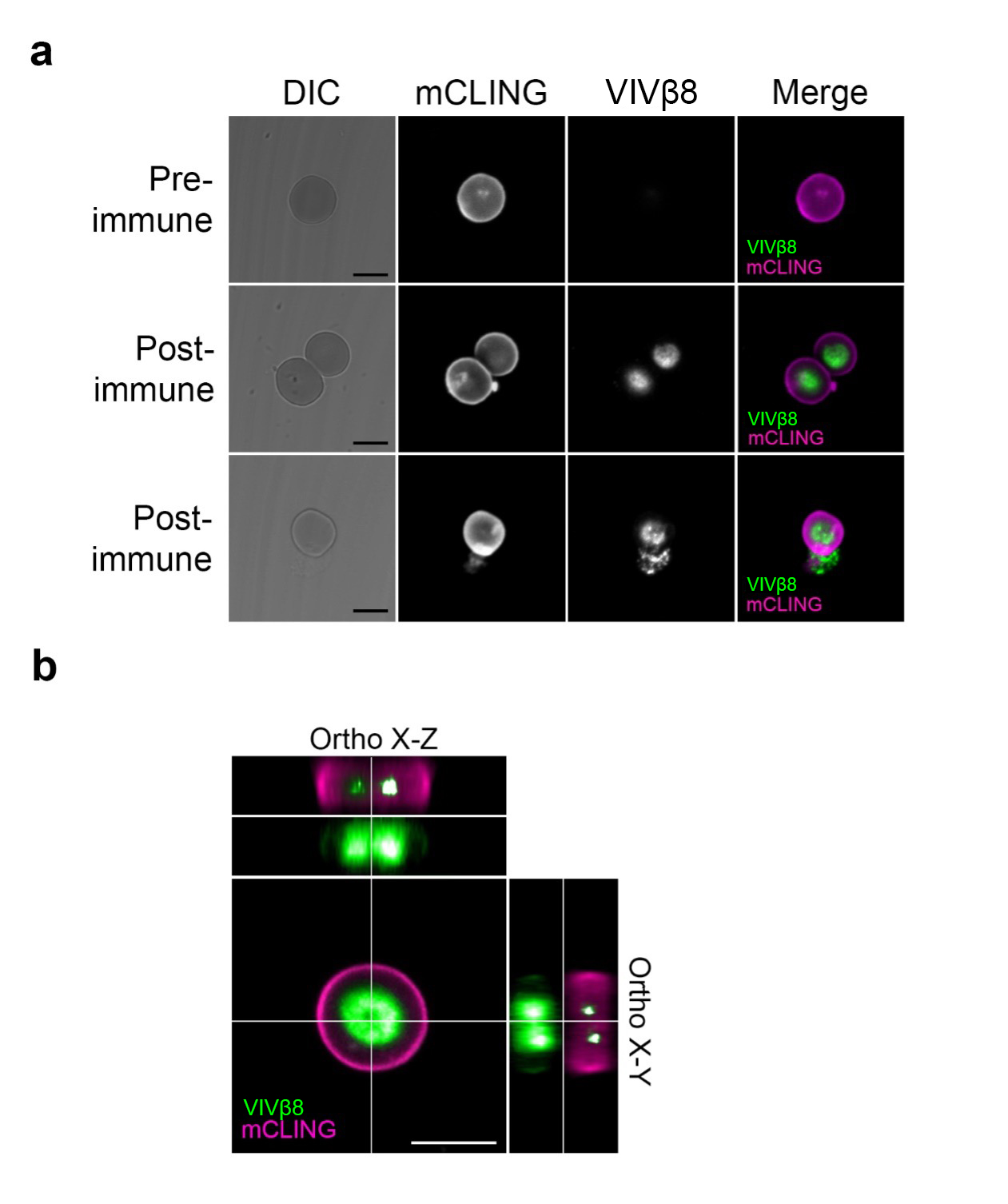
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**S8 Fig. Cellular localization of VIV8** **antigen on the surface of murine erythrocytes**. **(A)** Localization of VIV8and the unspecific surface counterstain mCLING in red blood cells (RBC) from *T. vivax*-infected mice. Representative images of RBC stained with either pre-immune or post-immune rabbit polyclonal antisera. Middle row shows the major localization pattern of VIV8in RBC; protein accumulates in the central concave surface. Bottom row shows an example of leaking RBC. Differential increased contrast (DIC); DAPI DNA counterstain; VIV8 (secondary antibody AF555-conjugated) and merged channels. Scale bars; 5 m. **(B)** 3D z-stack reconstructions of mouse erythrocyte cells and corresponding orthogonal (X-Z and X-Y) views from the stacks. Orthogonal views note the VIV*8*signal originates in the inner concave cytoplasm. Scale bars; 5 m.