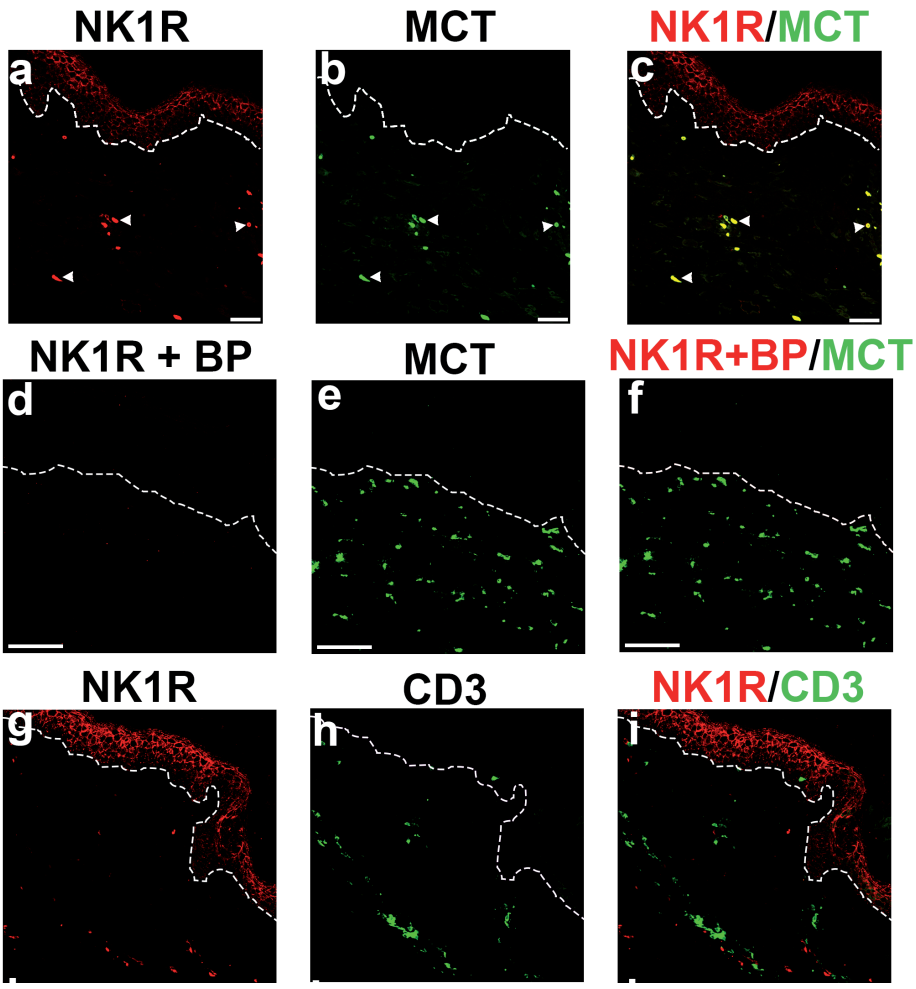

Fig. S1. Immunohistochemical expression of full-length NK1 receptor expression is blocked completely by immunizing peptide. Double immunohistochemical staining of 4 μm thick sections with NK1 Rc and mast cell tryptase (MCT) (a–c), NK1 Rc pre-absorbed with immunizing peptide and MCT (d–f), and NK1 Rc and CD3 (g–i). Arrowheads indicate mast cells (b) that co-label with NK1 Rc (a), shown as yellow (c), in human cutaneous scar. Pre-absorption with immunizing peptide completely abolishes NK1 Rc staining of keratinocytes and mast cells in human cutaneous scar (d–f). NK1 Rc is expressed in keratinocytes and mast cells but not CD3(+) cutaneous T cells in normal human skin (g–i). (c, f, i) Merged images of (a) & (b), (d) & (e), and (g) & (h), respectively. (a–i), × 200, dotted lines indicate the dermoepidermal junction. Scale bars, 50 μM.