

Table SI. *Antibodies used*

Antibody (clone)	Ig class	Dilution (final concentration; µg/ml)	Source
Cytokeratin 14 (RCK 107)	IgG ₁	1:10 (1.5)	Progen, Heidelberg, Germany
Cytokeratin 10 (DE-K10)	IgG ₁	1:100 (0.9)	Dako, Glostrup, Denmark
Cytokeratin 1 (34βB4)	IgG ₁	1:20 (0.9)	Enzo, Farmingdale, USA
Cytokeratin 2e (Ks 2.342.7.1)	IgG ₁	1:100 (0.1)	Progen, Heidelberg, Germany
Cytokeratin 16 (LL026)	IgG ₁	1:10 (10)	Chemicon, Temecula, USA
Involucrin (SY5)	IgG ₁	1:100 (2)	NeoMarkers, Fremont, USA
Transglutaminase I (B.C1)	IgG _{2a}	1:20 (4.5)	Harbor Bio-Products, Norwood, USA
Filaggrin	IgG ₁	1:100 (10)	Harbor Bio-Products, Norwood, USA
Collagen IV (2311C3)	IgG ₁	1:500 (6)	Chemicon, Temecula, USA
Collagen VII (LH7.2)	IgG ₁	1:20 (10)	NeoMarkers, Fremont, USA
Laminin 5 (P3H9-2)	IgG ₁	1:100 (10)	Chemicon, Temecula, USA
β4 integrin (3E1)	IgG ₁	1:200 (10)	Chemicon, Temecula, USA
Desmoglein 1 (Dsg1-P23)	IgG ₁	Neat (10)	Progen, Heidelberg, Germany
Desmoglein 3 (Dsg-G194)	IgG ₁	Neat (10)	Progen, Heidelberg, Germany
Desmocollin 3 (Dsc3-U114)	IgG ₁	Neat (10)	Progen, Heidelberg, Germany
Plakophilin 1 (PP1-5C2)	IgG ₁	Neat (10)	Progen, Heidelberg, Germany
Mouse IgG ₁ (MOPC-31C)	IgG ₁	10	BD Biosciences, San Diego, USA
Mouse IgG _{2a} (C1.18.4)	IgG _{2a}	10	BD Biosciences, San Diego, USA

Ig: immunoglobulin.