

Table S1. Primary antibodies used for immunohistochemistry

Antibody Name and Clonality	Source	Working Concentration	Other Information
Rabbit anti-human, polyclonal, β -Defensin 2	Bioss, Woburn, MA, USA	5 μ g/ml	<ul style="list-style-type: none"> Immunogen: 34-64/64 Isotype: IgG
Rabbit anti-human, polyclonal, Histamine H1 Receptor	LifeSpan Biosciences Inc., Seattle, WA, USA	1 μ g/ml	<ul style="list-style-type: none"> Immunogen: Synthetic 17 amino acid peptide from the 2nd extracellular domain. Isotype: IgG
Rabbit anti-human, polyclonal, Histamine H2 Receptor	LifeSpan Biosciences Inc., Seattle, WA, USA	1 μ g/ml	<ul style="list-style-type: none"> Immunogen: Synthetic 16 amino acid peptide from the 3rd extracellular domain. Isotype: IgG
Rabbit anti-human, polyclonal, Histamine H3 Receptor	LifeSpan Biosciences Inc., Seattle, WA, USA	1 μ g/ml	<ul style="list-style-type: none"> Immunogen: Synthetic peptide of human H3R. Isotype: IgG
Rabbit anti-human, polyclonal, Histamine H4 Receptor	LifeSpan Biosciences Inc., Seattle, WA, USA	1 μ g/ml	<ul style="list-style-type: none"> Immunogen: Synthetic 18 amino acid peptide from the 1st cytoplasmic domain. Isotype: IgG

Table S2. Primary antibodies used for double-labelling immunofluorescence staining

Antibody Name and Clonality	Source	Working Concentration	Other Information
Rabbit anti-human, polyclonal, beta defensin 2	Bioss, Woburn, MA, USA	5 μ g/ml	<ul style="list-style-type: none"> Immunogen: 34-64/64 Isotype: IgG
Mouse anti-human, monoclonal, CD4	Dako Cytomation, Glostrup, Denmark	3 μ g/ml	<ul style="list-style-type: none"> Immunogen: Recombinant protein corresponding to the external domain of the CD4 molecule. Isotype: IgG1k Clone: 4B12
Mouse anti-human, monoclonal, CD8	Dako Cytomation, Glostrup, Denmark	1.5 μ g/ml	<ul style="list-style-type: none"> Immunogen: Synthetic peptide corresponding to the 13 C-terminal amino acids of cytoplasmic domain of human CD8 coupled to thyroglobulin. Isotype: IgG1 Clone: C8/144B
Mouse anti-human, monoclonal, CD163	Leica Biosystems, Newcastle, UK	10 μ g/ml	<ul style="list-style-type: none"> Immunogen: recombinant protein corresponding to domains 1 to 4 of the N-terminal region of the CD163 molecule Isotype: IgG1 Clone: 10D6
Mouse anti-human, monoclonal, mast cell chymase	Thermo Fisher Scientific, MA, USA	5 μ g/ml	<ul style="list-style-type: none"> Immunogen: Purified human skin chymase Isotype: IgG1 Clone: CC1
Rabbit anti-human, polyclonal, NFkB p65	Abcam, Cambridge, United Kingdom	1 μ g/ml	<ul style="list-style-type: none"> Immunogen: Synthetic peptide corresponding to Human NF-kB p65 amino acid 500 to the C-terminus conjugated to Keyhole Limpet Haemocyanin. Isotype: IgG
Rabbit, anti-human, polyclonal, p-STAT1 (Ser727)	Cell Signaling Technology, Inc. Danvers, MA, USA		<ul style="list-style-type: none"> Immunogen: synthetic phosphopeptide corresponding to

- Isotype: IgG
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Table S3. List of the human primers for PCR analysis

Gene	Forward	Reverse
hBD-2	5'-ATCAGCCATGAGGGTCTTGT-3'	5'-GAGACCACAGGTGCCAATT-3'
TNF- α	5'-CTTTGGAGTGATCGGCCCC-3'	5'-GGTTATCTCTCAGCTCCACGC-3'
NF-kB	5'-CCAGACCAACAACAACCCCT-3'	5'-TCACTCGGCAGATCTTGAGC-3'
STAT1	5'-AGTCTGGCGGCTGAATTCG-3'	5'-GATCACCACAACGGGCAGAG-3'
GAPDH	5'-AAGGTCATCCCTGAGCTG-3'	5'-TGCTGTAGCCAAATTCGTTG-3'
RPLP0	5'-GGCGACCTGGAAGTCCAAC-3'	5'-CCATCAGCACCACAGCCTTC-3'

HBD-2: Human Beta-defensin 2; TNF- α : Tumor necrosis factor alpha; NF-kB: Nuclear factor kappa-light-chain-enhancer of activated B cells; STAT1: Signal transducer and activator of transcription 1; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; RPLP0: Ribosomal Protein Lateral Stalk Subunit P0.