

**Suppl. Table 1.** Tools for ELISA

<b>Target</b>	<b>Clone</b>	<b>Manufacturer</b>	<b>Product number</b>
<b>CCL3</b>	polyclonal	R&D systems	AF-270/AF-450
<b>CCL5</b>	21418	R&D systems	MAB678
<b>CCL11</b>	43911	R&D systems	MAB320
<b>CXCL8</b>	6217	R&D systems	MAB208
<b>IFN-<math>\gamma</math></b>	K3.53	R&D systems	MAB2852
<b>IgG1</b>	kit	My Biosource	MBS765111
<b>IL-4</b>	3010	R&D systems	MAB604
<b>IL-5</b>	TRFK5	BD Pharmingen/BD Biosciences	554392
<b>IL-8</b>	kit	Casubio	CSB-E13096Gp
<b>IL-8</b>	set	R&D systems	DY208
<b>IL-10</b>	127107	R&D systems	MAB2172
<b>IL-13</b>	kit	Casubio	CSB-E12916Gp
<b>IL-13</b>	kit	R&D systems	DY213
<b>IL-17A</b>	41809	R&D systems	MAB317
<b>Neurokinin A</b>	kit	Ray Biotech	EIA-NEA
<b>PGE2</b>	kit	R&D systems	KGE004B
<b>Substance P</b>	kit	ABCAM	AB133029
<b>TGF-<math>\beta</math>1</b>	BAF240	R&D systems	Polyclonal
<b>TNF-<math>\alpha</math></b>	set	R&D systems	DY5035

**Suppl. Table 2.** Tools for flow cytometry

<b>Target</b>	<b>Clone</b>	<b>Labelling</b>	<b>Manufacturer</b>	<b>Product number</b>
<b>CD25</b>	740290	PE	BD Bioscience	M-A251
<b>CD4</b>	CT7	FITC and PE	AbDSerotec	MCA749F
<b>FOXP3</b>	PCH101	PE-Cy5	eBioscience	14-4776-80
<b>IFN-<math>\gamma</math></b>	B27	APC	BD Bioscience	554702
<b>IL-10</b>	JES3-19F1	PE	eBioscience	554706
<b>IL-13</b>	JES10-5A2	APC	Biolegend	501908
<b>IL-17A</b>	SCPL1362	PE	BD Bioscience	560438
<b>PAN T-cell</b>	CT5	FITC and APC	AbDSerotec	MCA751
<b>TGF-<math>\beta</math>1</b>	9016	PE	R&D systems	IC240P

**Suppl. Table 3.** Tools for immunohistochemistry

<b>Target</b>	<b>Clone</b>	<b>Manufacturer</b>	<b>Product number</b>
<b><math>\beta</math>-Actin</b>	AC-15	Sigma-Aldrich	A5441
<b><math>\beta</math>-catenin</b>	8E7	Millipore	05-665
<b>CBS</b>	G-1	Santa-Cruz	sc-271886
<b>c-kit/CD-117</b>	polyclonal	Biorbyt	orb156377
<b>laminin</b>	polyclonal	Sigma-Aldrich	#L-9393
<b>MUC5AC</b>	45M1	Thermoscientific	#ms145p
<b>Nrf2</b>	polyclonal	Abcam	ab31163
<b>sm-MHC</b>	SM-M10	Neomarkers	MS-1348-P0
<b>tryptase</b>	AA1	Dako	M705229-2
<b>Type I MyHC</b>	A4.840	Developmental Studies Hybridoma Bank	A4.840

**Suppl. Table 4.** Primers for PCR

<b><math>\beta</math>-actin</b>	TGGCTACAGTTTCACCA	GGAAGGAGGGCTGGAAGA
<b>CRTH2</b>	TACACAAGGGGAAGCTCGG	CCAGTTTGGTCTCAGCCTTC
<b>FoxA2</b>	CCTTCAACGACTGCTTCCTC	TAGCTGCTTCTCGCACTTGA
<b>FoxA3</b>	TTCGAGAATGGCTGCTACCT	AAATAGGGCGTGGAGGAAGT
<b>GAPDH</b>	GTCGGTTGTGGATCTGACCT	TGCTGTAGCCGAACCTATTG
<b>GAPDH</b>	CATCACCATCTTCCAGGAGCGA	GTCTTCTGGGTGGCAGTGATGG
<b>IL-4</b>	TGCTGCACCATACAGCCTAC	CGGAGTTCACCTCACTGGACA
<b>IL-5</b>	TACACAAGGGGAAGCTCGG	CCAGTTTGGTCTCAGCCTTC
<b>IL-13</b>	TCACCCAGGATCAGAAGACC	CCACCTCGATCTTGGTGTCT
<b>MUC5AC</b>	CCCTTCAGTGAGACCTCTGC	CTGACCCAGCAGGATAGAGC
<b>P2X2</b>	GCTGCTCATCCTGCTCTACTTT	GGGCTTCACATACTCCTCCAC
<b>P2X3</b>	AGGGAGGCTGAGAACTTCAC	CAGCCAATCTTGATGCCAG
<b>PTGDS</b>	CCCTTCAGTGAGACCTCTGC	CTGACCCAGCAGGATAGAGC
<b>SPDEF</b>	CCCTGTCTGAGGAGCAGTTC	GATGCCCTTCTCCTTGTTGA
<b>TRPA1</b>	AGAGATCAAGGCGCTGGAA	CCCATAACTGGCTGCAAAT
<b>TRPA1</b>	CATTTTGCTGCAACCCAAGGAGCCACTG	ATAAGTGGAGAGCGTCCTTCAGAATC
<b>TRPV1</b>	CCAACAAGAAGGGGTTTACA	ACAGGTCATAGAGCGAGGAG
<b>TRPV4</b>	TGGGCAAGAACTCAGATGGC	TCCACAGTCCTAGAGGGGAG