

Table SV. In vitro antibody-mediated neutralization

Cell type	Culture conditions	Culture medium	Washing medium	Pre-incubation in 100 µl basal medium			Antibody-mediated neutralization in 100 µl basal medium						
				None	Isotype control (2x concentrate)	KPL-716 (0.2, 0.02, 0.002, or 0.0002 µg/ml)	Anti-human IL-31Rα antibody (0.2, 0.02, 0.002, or 0.0002 µg/ml)	None	OSM 50 ng/ml	OSM 50 ng/ml and IL-4 5 ng/ml	OSM 50 ng/ml and IL-4 20 ng/ml	Super-natant collection and storage	ELISA
HEK	96-well plates 15,000 cells/well; 18 h	Complete medium	Pre-warmed phosphate-buffered saline			1 h						-80°C	MCP-1/CCL2
HDF	96-well plates 15,000 cells/well; 18 h	Complete medium	Phosphate-buffered saline								24 h		