

Table 1. Quantitative analysis of cell infiltration and mucus production in lungs from mice treated with sense or antisense gob-5 construct

Treatment*		Total cells [†] , cells/mm ²	Eosinophils [†] , cells/mm ²	Airway epithelium [‡] , μm ² /mm basal lamina	PAS-stained area [‡] , μm ² /mm basal lamina
Ad-wt	Day 3	3,959 ± 683	303 ± 89	6,210 ± 268	147 ± 67
Ad-gob-5-S	Day 3	6,633 ± 537**	1,600 ± 154***	7,862 ± 411***	2,387 ± 438***
Ad-wt	Day 6	7,927 ± 385	2,051 ± 129	13,048 ± 987	3,926 ± 611
Ad-gob-5-AS	Day 6	7,057 ± 257	1,385 ± 203**	9,996 ± 396**	893 ± 208***

Significant differences from control adenovirus-treated mice; **, $P < 0.05$; ***, $P < 0.01$.

*OVA-sensitized mice were administered either adenovirus-expressing sense gob-5 (Ad-gob-5-S) or adenovirus expressing antisense gob-5 (Ad-gob-5-AS), or control adenovirus (Ad-wt) as described in *Materials and Methods*.

[†]Total infiltrated cells and eosinophils around pulmonary blood vessels and bronchi were enumerated as described in *Materials and Methods*.

[‡]Total areas of airway epithelium and PAS-stained area of epithelium were measured by computerized image analysis system as described in *Materials and Methods*.