

Appendix 1 Scoring criteria for H&E staining in animal models of asthma (I, II)

(I)

| Inflammatory cell infiltration of blood vessels and surrounding blood vessels | | | | Bronchial mucus oozing | |
|---|--------|----------|-----|------------------------|-----|
| a. No inflammatory cell infiltrate was observed | 0.0 | | | a. No mucus was found | 0.0 |
| b. The infiltrated area accounts for less than 5% of the total area | 0.5 | | | b. NA | 0.5 |
| c. The infiltrated area accounts for 5–20% of the total area | 5–10% | Mild | 1.0 | c. Mild | 1.0 |
| | 10–15% | Moderate | 1.5 | | |
| | 15–20% | Severe | 2.0 | | |
| d. The infiltrated area accounts for 20–40% of the total area | 20–25% | Mild | 2.5 | d. Moderate | 1.5 |
| | 25–30% | Moderate | 3.0 | | |
| | 30–40% | Severe | 3.5 | | |
| e. The infiltrated area accounts for more than 40% of the total area | 4.0 | | | e. Severe | 2.0 |

(II)

| Perivascular and peribronchial eosinophilic infiltration | | |
|--|----------|-----|
| a. No eosinophilic infiltrate was observed | NA | 0.0 |
| b. The infiltrated area accounts for less than 5% of the total area | NA | 0.5 |
| c. The infiltrated area accounts for 5–10% of the total area | Mild | 1.0 |
| d. The infiltrated area accounts for 10–15% of the total area | Moderate | 1.5 |
| e. The infiltrated area accounts for more than 15% of the total area | Severe | 2.0 |

H&E, hematoxylin eosin.