Squamous vs adenosquamous?

I had a histology question if I may, about how to distinguish between a tumour that is squamous and one that is adenosquamous. It follows from an exchange I had with Dr Weiss some months ago, about the use of Alimta for people whose cancer might have a mixed histology:
On dx my cancer was classified as squamous. When the EGFR mutation was discovered, my oncologist (at a new hospital) had the biopsies checked, thinking there must have been a mistake. The pathology lab concurred that they were squamous (“AE1/3 positive, CK7, P63 positive”). These are both university teaching hospitals.
When we later saw a pulmonary oncologist for a second opinion, he suggested the tumour might be an adenosquamous carcinoma.
I don’t mind about any of this except insofar as it might affect my chances of future treatment. Would the histology as described be convincing for squamous cell carcinoma? is P63 a definitive marker for squamous? And are there any treatment choices (apart from the possible consideration of Alimta) that might be influenced by knowing whether it’s squamous or adenosquamous? I am wondering whether to revisit the issue with my oncologist, who feels (I think) that it has already been settled. Many thanks.