

Supplementary Table S2: Comparison of the Method of Dynamic Epitopes to the Signature Motif Method.

| Method | Signature Motif Method (SMM) | | | Method of Dynamic Epitopes (MDE) | | | |
|--|------------------------------|------|---------|----------------------------------|------|---------|---------|
| | mAb | 2219 | 447-52D | Average | 2219 | 447-52D | Average |
| Accuracy (ACC) | | 0.78 | 0.75 | 0.76 | 0.93 | 0.82 | 0.87 |
| Matthews Correlation Coefficient (MCC) | | 0.53 | 0.59 | 0.56 | 0.82 | 0.63 | 0.72 |