**Supplementary File 3 Binding properties of monoclonal antibodies against L1 isoforms**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Native conditions | | Denatured conditions | | PBNA |
| Antibody | **GST-L1LONG** | **GST-L1SHORT** | **GST-L1LONG** | **GST-L1SHORT** |  |
| mAb 2E2 | **-** | **\*\*\*\*** | **-** | **-** | **\*\*\*** |
| mAb 2D6 | **\*\*\*** | **\*\*\*** | **\*\*\*** | **\*\*\*** | **-** |
| mAb 2D11 | **\*** | **\*\*\*\*** | **-** | **-** | **\*\*\*** |
| mAb 5E5 | **\*\*** | **\*\*** | **\*\*\*\*** | **\*\*\*** | **-** |
| mAb 3H8 | **-** | **\*\*\*\*** | **-** | **-** | **\*\*\*** |

**ELISAs: \*\*\*\***: OD450 > 2 ; **\*\*\***: 1 <OD450 < 2 ; **\*\***: 0.1 < OD450 < 1 ; **\***: 0.05 < OD450 < 0.1 ; **-**: OD450 = Blank

**PBNA: \*\*\***: 100% neutralization of PsVs with undiluted hybridoma supernatant