**Supplementary file 5**

List of Fab D3H44 antibody residues in the binding interface of the complex with the Tissue factor (PDB code of the complex: 1JPS). For each residue N, its relative contribution (expressed as a percentage) to the total number of inter-residue contacts made and to the total buried surface area of the Fab is reported. ICN and BSAN are the interface contacts and the buried surface area of residue N, respectively; ICtotal is 83; BSAFab\_total is evaluated as half of the BSA for the complex corresponding to 926 Å2.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Residue type | | %ContributionBSA | | | %Contribution  ICs |
| ARG | L27 | | 1,1 | 1,2 | |
| LYS | L30 | | 2,5 | 2,4 | |
| TYR | L32 | | 7,7 | 4,8 | |
| TYR | L50 | | 3,0 | 1,2 | |
| HIS | L91 | | 1,1 | 1,2 | |
| GLY | L92 | | 3,3 | 3,6 | |
| GLU | L93 | | 2,4 | 3,6 | |
| SER | L94 | | 4,3 | 4,8 | |
| TRP | L96 | | 1,6 | 2,4 | |
| PHE | H27 | | 0,1 | - | |
| ILE | H29 | | - | 1,2 | |
| LYS | H30 | | 0,8 | 1,2 | |
| GLU | H31 | | 10,5 | 6,0 | |
| TYR | H32 | | 5,6 | 6,0 | |
| TYR | H33 | | 8,1 | 6,0 | |
| LEU | H50 | | 1,6 | 2,4 | |
| ASP | H52 | | 2,2 | 4,8 | |
| PRO | H53 | | - | 1,2 | |
| GLU | H54 | | 6,5 | 6,0 | |
| GLN | H55 | | 3,1 | 3,6 | |
| ASN | H57 | | 7,3 | 6,0 | |
| THR | H58 | | 1,7 | 2,4 | |
| ILE | H59 | | 7,0 | 4,8 | |
| TYR | H60 | | 0,2 | 1,2 | |
| PRO | H62 | | 0,5 | - | |
| GLN | H65 | | 3,5 | 3,6 | |
| ARG | H98 | | 0,5 | - | |
| ASP | H99 | | 0,1 | 2,4 | |
| THR | H100 | | 4,2 | 4,8 | |
| ALA | H101 | | 6,5 | 7,2 | |
| ALA | H102 | | 2,0 | 3,6 | |