**Supplementary File 4. Antibodies used in the study**

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| --- | --- | --- | --- | --- |
| Antibody | Manufacturer | | Catalogue number | |
| FITC anti-mouse CD3 | | BioLegend | | 100203 |
| FITC Rat IgG2b, κ Isotype Ctrl | | BioLegend | | 400605 |
| PerCP/Cy5.5 anti-mouse/human CD11b | | BioLegend | | 101227 |
| PerCP/Cy5.5 Rat IgG2b, κ Isotype Ctrl | | BioLegend | | 400631 |
| APC anti-mouse CD19 | | BioLegend | | 152409 |
| APC Rat IgG2a, κ Isotype Ctrl Antibody | | BioLegend | | 400511 |
| TruStain fcX™ (anti-mouse CD16/32) | | BioLegend | | 101319 |
| FAM76B monoclonal antibody (mouse) | | Homemade | |  |
| Rabbit anti-hnRNPA2B1 polyclonal antibody | | Abcam | | ab31645 |
| Mouse anti-Flag monoclonal antibody | | Cell signaling | | 14793 |
| Goat anti-IBA1 polyclonal antibody | | Abcam | | ab5076 |
| Mouse anti-GAPDH monoclonal antibody | | Proteintech | | 60004-1-Ig |