Table S2. Antibody sources and staining conditions.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Markers | Main target | Antibody source | Species | Dilution | DAB dyeing time | Antigen Retrieval | Cellular  localization |
| CD3 | T cell | NeoMarker, clone SP7 | Rabbit monoclonal | 1:300 | 1.0 min | Citrate buffer (pH 6.0) microwave 20min | Membranous |
| CD8 | T cell | NeoMarker, clone SP16 | Rabbit monoclonal | 1:200 | 1.5 min | Citrate buffer (pH 6.0) microwave 20min | Membranous |
| CD45RO | Memory T cell | Invitrogen, clone UCHL1 | Mouse monoclonal | 1:400 | 1.0 min | Citrate buffer (pH 6.0) microwave 20min | Membranous |
| CD45RA | Primary T cell | Zhong-shan Goldenbridge | Mouse monoclonal | 1:200 | 30 secs | Citrate buffer (pH 6.0) microwave 20min | Membranous |
| CD57 | Natural Killer cell | NeoMarker, clone NK1 | Mouse monoclonal | 1:100 | 2.0 min | Citrate buffer (pH 6.0) microwave 20min | Membranous |
| CD66b | Neutrophil | BD Pharmingen | Mouse monoclonal | 1:200 | 1.0 min | Citrate buffer (pH 6.0) microwave 20min | Membranous |
| CD68 | Macrophage | Dako, clone PG-M1 | Mouse monoclonal | 1:400 | 30 secs | Citrate buffer (pH 6.0) microwave 20min | Cytoplasmic |
| CD34 | Microvessel | Abcam, ab81289 | Rabbit monoclonal | 1:200 | 1.0 min | Citrate buffer (pH 6.0) microwave 20min | Membranous |

min: minute; sec: second. DAB: diaminobenzidine.