

## Supplementary Table 2.

Primary antibody sources with corresponding methodological parameters

<b>Primary Antibody</b>	<b>Source</b>	<b>Concentration</b>	<b>Serum</b>	<b>Antigen Retrieval Method*</b>	<b>Secondary Antibody</b>
<b>CD4</b>	rMAb ab133616 abcam	1:7,500	Goat	Basic	Biotinylated Goat $\alpha$ rabbit IgG (VectorLabs)
<b>CD8 (144B)</b>	mMAb M7103 DAKO	1:800	Goat	Basic	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)
<b>CD68 Clone PG-M1</b>	mMAb M0876 DAKO	1:20,000	Goat	Basic	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)
<b>CD146 MCAM</b>	rPAb SAB27012024 Sigma Aldrich	1:5,000	Goat	Citrate	Biotinylated Goat $\alpha$ rabbit IgG (VectorLabs)
<b>CD271 NGFR5</b>	mMAb ab3125 abcam	1:200	Goat	Citrate	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)
<b>CD73 Clone 1D7</b>	mMAb ab91086 abcam	1:20,000 1:1,800	Goat	Citrate	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)
<b>PDGFR<math>\beta</math> Clone 28E1</b>	rMAb #3169 Cell Signalling	1:750	Goat	Citrate	Biotinylated Goat $\alpha$ rabbit IgG (VectorLabs)
<b>CD31 Clone JC70A</b>	mMAb M0823 DAKO	1:2,000	Goat	Basic	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)
<b><math>\alpha</math>SMA clone 1A4</b>	mMAb M0851 DAKO	1:50,000	Goat	Citrate	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)

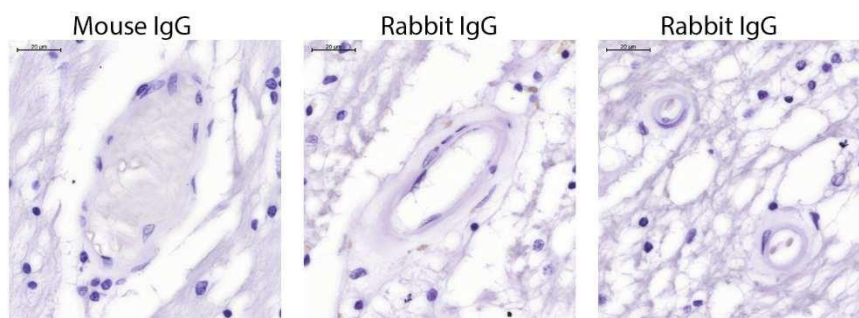
<b>KI67 MIB-1</b>	mMAb M7240 DAKO	1:600	Goat	Citrate	Biotinylated Goat $\alpha$ mouse IgG (VectorLabs)
<b>GFAP Clone 6F1</b>	mMAb M0761 DAKO	1:2,000	Goat	Citrate	mMAb M0761 DAKO
<b>MBP</b>	rPAb A0623 DAKO	1:10,000	Goat	Citrate	Biotinylated Goat $\alpha$ rabbit IgG (VectorLabs)
<b>HLA-DP, DQ &amp; DR (CR3/43)</b>	mMAb M0761 DAKO	1:20,000	Goat	Citrate	mMAb M0761 DAKO
<b>Isotype mouse IgG</b>	I-2000 VectorLabs				
<b>Isotype rabbit IgG</b>	I-1000 VectorLabs				

mMAb – mouse monoclonal antibody, rMAb – rabbit monoclonal antibody, rPAb – rabbit polyclonal antibody

\*Antigen retrieval

1. Citrate Buffer, pH6: Invitrogen 00-5001
2. Basic Buffer, pH9: R&D Systems CTS013

Isotype control images were used at the corresponding primary antibody concentrations. Representative images are shown for the lowest antibody dilution used for the respective isotypes (1:200 mouse and 1:750 rabbit). Mouse images are taken from LMS4, away from a



chronic active close to periventricular area and rabbit images from LMS3, within an active lesion.