

*Veterinary Pathology*: Supplemental Materials  
 Vidal et al. Chronological brain lesions after SARS-CoV-2 infection in hACE2-transgenic mice.

Supplemental Table S1: Immunohistochemical procedure details.

Primary Antibodies	Commercial reference	Dilution of primary antibody	Antigen retrieval and other treatments	Incubation of primary antibody	Visualization system
<b>SARS-CoV-2 NP</b> rabbit monoclonal	Sino Biological (40143-R019)	1:15000	Peroxidase block (Methanol 3% H <sub>2</sub> O <sub>2</sub> 30 min RT)  HIER Citrat Buffer pH6 (Dako Target Retrieval Solution) 98°C 20 min + 30 min RT	Overnight 4°C	EnVision®+ System linked to horseradish peroxidase (HRP, Agilent-Dako) and 3,3'-diaminobenzidine (DAB)
<b>GFAP</b> rabbit polyclonal	Dako (Z0334)	1:2000	Peroxidase block (3% H <sub>2</sub> O <sub>2</sub> in H <sub>2</sub> O 35 min RT)  HIER citrate buffer, 0.01M pH6, 98°C 20 min + 30 min RT	Overnight 4°C	EnVision®+ System linked to horseradish peroxidase (HRP, Agilent-Dako) and DAB.
<b>IBA1</b> goat polyclonal	ABCAM (ab5076)	1:300	Peroxidase block (3% peroxide hydrogen in H <sub>2</sub> O 35 min RT)  HIER citrate buffer, 0.01M pH6, 98°C 20min + 30 min RT	Overnight 4°C	Polyclonal rabbit anti-goat biotinylated secondary antibody (DAKO, 1:200) with the ABC Peroxidase Standard Staining Kit (Thermo Scientific™) and DAB
<b>CD3</b> rabbit monoclonal	Cell Signalling (clone D4V8L)	1:500	Peroxidase block (Methanol 3% H <sub>2</sub> O <sub>2</sub> 30 min TA)  HIER EDTA Buffer pH9 (Dako EnVision FLEX Target Retrieval Solution High pH) 98°C 20 min + 30 min RT	Overnight 4°C	EnVision®+ System linked to horseradish peroxidase (HRP, Agilent-Dako) and DAB.
<b>CD20</b> goat polyclonal	Santa Cruz Biotechnology (SC-7735)	1:250	Alkaline Phosphatase block (Bloxall Blocking Solution, Palex Medical) 15 min RT HIER Citrat Buffer pH6 (Dako Target Retrieval Solution) 98°C 20 min + 30 min RT	Overnight 4°C	ImmPRESS®-AP -alkaline phosphatase linked-horse anti goat IgG Polymer (Maraval Life Sciences -Vector Laboratories) and a red colored chromogen (ImmPACT Vector Red Substrate Kit Alkaline Phosphatase, Vector Laboratories).

**Legend:** RT: room temperature; HIER: Heat induced epitope retrieval, min: minutes;