

Supplemental Tables

Supplemental Table 1. Antibodies tested for detecting SARS-CoV-2 in FFPE specimens

Antibody	Source	Catalog number	Immunogen	Clonality	IHC Suitability (FFPE Specimen)	Optimal Dilution for IHC
Rabbit anti-SARS-CoV spike glycoprotein (S)	Novus Biologicals, Littleton, CO, USA	NB100-56048	SARS-CoV S residues 288–303	Polyclonal	No	
Rabbit anti-SARS-CoV spike glycoprotein (S)	Novus Biologicals, Littleton, CO, USA	NB100-56578	SARS-CoV S residues 1124–1140	Polyclonal	No	

Rabbit anti-SARS-CoV-2 spike glycoprotein (S)	Sino Biological, Chesterbrook, PA, USA	40150-R007	Recombinant SARS-CoV-2 S subunit S1	Monoclonal	No	
Rabbit anti-SARS-CoV spike glycoprotein (S)	Sino Biological, Chesterbrook, PA, USA	40150-T62-COV2	Recombinant SARS-CoV S subunit S1	Polyclonal	Yes	1:4000
Rabbit anti-SARS-CoV nucleocapsid protein (NP)	Sino Biological, Chesterbrook, PA, USA	40143-R001	Recombinant SARS-CoV NP	Monoclonal	No	

Rabbit anti-SARS-CoV nucleocapsid protein (NP)	Thermo Fisher Scientific, Waltham, MA, USA	PA1-41098	SARS-CoV NP residues 399–411	Polyclonal	No	
Mouse anti-SARS-CoV nucleocapsid protein (NP)	Sino Biological, Chesterbrook, PA, USA	40143-MM05	Recombinant SARS-CoV NP	Monoclonal	Yes	1:4000

Supplemental Table 2. RNAscope ISH probes suitable for detecting SARS-CoV-2 RNA in FFPE specimens

Probe	Catalog number (Advanced Cell Diagnostics, Newark, CA, USA)	Probe length	Channel	Target
Positive-sense RNA probe 1	848561	20 ZZ	C1	Genomic RNA fragment 21631-23303 (RefSeq #NC_045512.2)
Positive-sense RNA probe 2	854841	40 ZZ	C1	Genomic RNA fragment 21571-25392 (GenBank #LC528233.1)
Negative-sense RNA probe 1	845701	20 ZZ	C1	Reverse complement of genomic RNA fragment 21631-23303 (RefSeq #NC_045512.2)
Negative-sense RNA probe 2	854851	40 ZZ	C3	Reverse complement of genomic RNA fragment 290-10849 (GenBank #LC528233.1)