

Long term stability and batch reproducibility



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SPECIFICATIONS

VIRUS DETECTION

Abcalis anti-SARS-CoV-2 antibodies are derived from human naive or immune libraries using phage display. After the conversion to full mouse IgG format, each antibody is tested first for binding against the different coronaviruses and then against different preparations of inactivated SARS-CoV-2 virion particles.

HIGH SPECIFICITY

Testing an antibody on antigen positive cells versus the very same cells after target gene knock-out constitutes the highest standard of antibody specificity validation. Analogously, we compared binding to SARS-CoV-2 infected cells versus uninfected cells to prove the high specificity of our antibodies. Indirectly, we further proved that such antibodies recognize the virus after inactivation, in this particular case upon paraformaldehyde (PFA) fixation.

ENDLESS REPRODUCIBILITY

Long shelf-life in combination with the absence of batch-to-batch variation guarantee maximum reproducibility. We repeatedly produced the same recAb to prove its binding profile is purely determined by its sequence.

Legend Nucleocapsid (N) Spike (S) protein protein mRNA **S2** N-protein



S1