abcam

Product datasheet

Covid-19 GeoMx-formatted Antibody Panel ab273594

1 Image

Overview

Product name	Covid-19 GeoMx-formatted Antibody Panel
Product overview	Covid-19 GeoMx-formatted Antibody Panel ab273594 is designed for use with NanoString Digital Spatial Profiling (DSP) technology. To use this panel you must also purchase Covid-19 GeoMx-formatted Panel Probe R Mix ab273595 and also a Core GeoMx antibody panel from Nanostring. Please also contact us (NanostringRequests@abcam.com) to request the bioinformatics file required to use this panel in your GeoMx Assay. This antibody panel is supplied as one pre-mixed vial containing 112 µl of antibody mix sufficient for 12 slides: - Recombinant Anti-ACE2 antibody HLA-DPB1 antibody [EPR4436] conjugated to GeoMx tag ID0314 - Recombinant Anti-TMPRSS2 antibody [EPR3861] conjugated to GeoMx tag ID0315 - Recombinant Anti-Cathepsin L/V/K/H antibody [EPR8011] conjugated to GeoMx tag ID0321 - Recombinant Anti-DDX5 antibody [EPR7239] conjugated to GeoMx tag ID0322 - Anti-SARS-cov2 Spike antibody ab272504 conjugated to GeoMx tag ID0318 NB ab272504 is a polyclonal antibody Use this panel as a GeoMx Custom Module as explained in the GeoMx DSP Slide Preparation User Manual from NanoString (www.nanostring.com/geomx-online-user-manual). You can use this module as you would other GeoMx Modules and do not need to follow the instructions specific to custom antibody spike-ins. Up to 5 GeoMx-formatted antibodies from Abcam can be combined into one panel for use in a GeoMx DSP Assay. This panel contains 5 antibodies so it cannot be combined with other GeoMx-formatted antibodies from Abcam. Please contact us if you would like to purchase the antibodies contained within this panel as individual GeoMx-formatted antibodies. This panel can be combined with GeoMx Assay panels purchased from Nanostring. For a full list of pre-validated NanoString GeoMx Assays, visit www.nanostring.com/products/geomx-digital-spatial-profiler/geomx-assays To learn more about Abcam's GeoMx-formatted antibodies and custom conjugation services, please visit here.

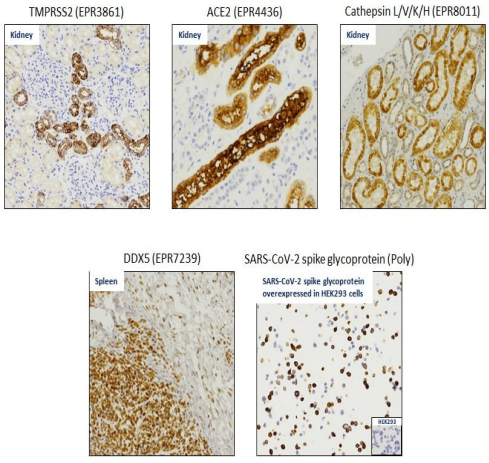
To learn more about NanoString's Covid19 products, please visit www.nanostring.com/COVID19

Properties

Storage instructions Store at -80°C. Please refer to protocols.

Components	12 tests
Covid-19 GeoMx antibody panel mix	1 x 112µl

Images



Covid-19 GeoMx-formatted Antibody Panel

GeoMx-formatted TMPRSS2 antibody clone EPR3861, ACE2 antibody clone EPR4436, Cathepsin L/V/K/H antibody clone EPR8011, and DDX5 antibody clone EPR7239 tested in conventional IHC in human formalin-fixed paraffin embedded tissue sections to confirm that antibody specificity is retained after oligo-conjugation.

GeoMx-formatted SARS-COV-2 spike glycoprotein antibody tested in SARS-COV-2 spike glycoprotein overexpressing HEK293 cell line slides to confirm that antibody specificity is retained after oligo-conjugation.

The same staining pattern was seen in the conjugated antibody as with the unconjugated control antibody (unconjugated antibody data not shown).

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