



PERFORMANCE DATA SHEET

2950

Monoclonal Purified anti-poly Histadine*

mAb name/Clone: ANC3G4

Isotype: Mouse IgG1

Immunogen: c-Terminal poly-Histadine

CATALOG#: 801-020

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Clone ANC3G4-9 binds to 6X (or greater) poly histadine c-terminal tag on recombinant protein. It is useful for capture and detection of His tagged recombinant proteins.

STORAGE CONDITIONS: *Store at 2 - 5°C.* Freeze/Thawing is not recommended.

PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

PRODUCTION: Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin.

PERFORMANCE: Clone ANC3G4-9 was tested for its ability to capture and present Recombinant SARS-COV-2 RBD-His protein in EIA. Plate wells were coated with 100 ul of mAb at a concentration of **2 ug/ml** for two hours after which they were blocked overnight at 4 deg C. Wells were washed once and used to capture dilutions of Recombinant SARS-CO-V2 RBD-His protein for 1 hour, after which they were washed twice and incubated with anti-S1-RBD/HRP conjugate. Wells were then washed twice and incubated with TMB/H2O2 substrate/chromagen and stopped with 2N H2SO4 stop solution.

** Research Use Only. Not for use in Diagnostic procedures.*

EIA Detection of Recombinant RBD-His Using ANC3G4 Capture

