



# PERFORMANCE DATA SHEET

3031

## Monoclonal anti-poly Histidine/HRP conjugate\*

**mAb name/Clone:** ANC3G4-9

**Isotype:** Mouse IgG1

**Immunogen:** c-Terminal poly-Histidine

**CATALOG#:** 801-990

**QUANTITY:** 100 µg

**CONCENTRATION:** 1.45 mg/ml

**INFORMATION:** Clone ANC3G4-9 binds to 8X histidine 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, 3% Glycerol, 1% Trehalose, 0.3% BSA, 0.02mM TMB, 2 mM CaCl<sub>2</sub>, 0.1% Proclin-300(as a preservative).

**PRODUCTION:** Protein A purified antibody from tissue culture supernatant was covalently conjugated to HRP. Unconjugated HRP and antibody were removed using size exclusion chromatography.

**PERFORMANCE:** ANC3G4-9/HRP was tested for its ability to detect immobilized polyHis and c-terminal polyHis containing recombinant protein in EIA. Effective titer is approximately **1:5,000**.

Proteins tested: SARS-CO-V2-S1 RBD-(8X)His (Inquire), CD1d-(6X)His, Poly-I-Histidine, Irrelevant Protein (no Histidine).

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

**Binding of anti-PolyHis/HRP to immobilized proteins**

