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Certificate of Analysis

**PRODUCT: Anti human Steroidogenic factor 1(SF-1)
mouse monoclonal antibody(ProteinA purified)**

CATALOG: PP-N1665-0C

LOT #: B-1

Concentration: 1 mg/ml

Amount: 100 micro gram

Volume: 100 micro L

Buffer: Physiological saline with 0.1% NaN₃ as a preservative

Antigen: *E.coli*-expressed recombinant human SF-1 (218-461 a.a.)

Isotype: Mouse G1

Purification Method: Affinity chromatography with Protein A

Tested Applications: Western Blot, Immunoprecipitation,
Immunohistochemistry

Storage conditions: Store at +4°C short term (1-4 weeks),
at -20°C or less long term.

Stable for 12months at -20°C

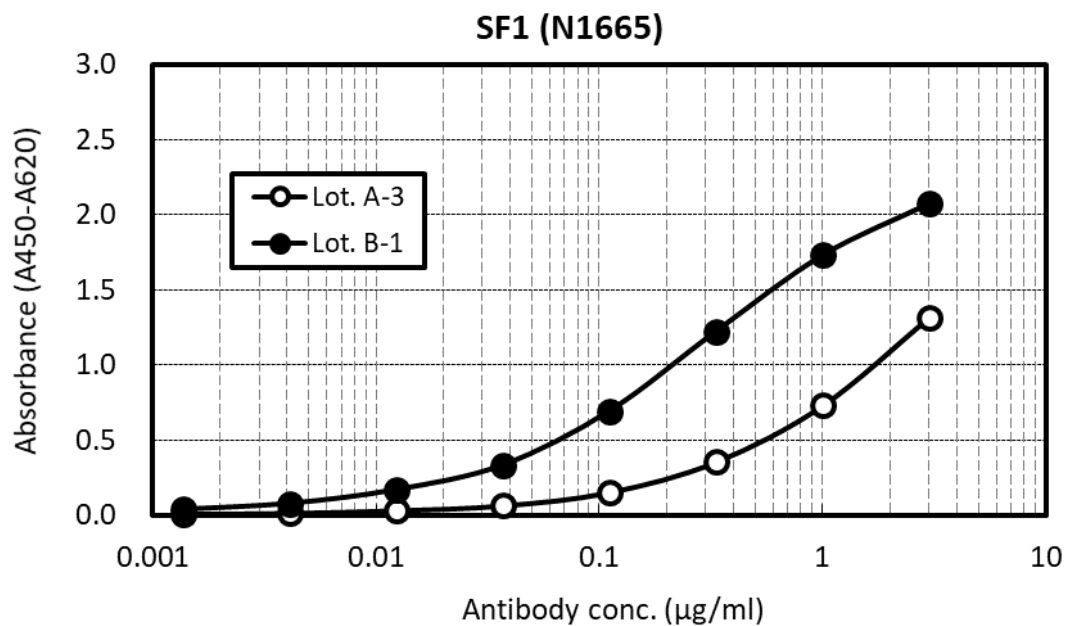
Avoid freeze / thaw cycle.

*Optimal dilutions should be determined by each laboratory for each application.
Intended for Research Use Only. Not for use in Diagnostic Procedures.*

Validation Data

Method: Each 1micro gram per well of antigen was coated on an ELISA plate for overnight at 4 . Blocking with non-fat dry milk incubated for one hour at room temperature. After washing plate, Serial diluted antibody solution was loaded on each well at room temperature. Washed Plate was incubated with HRP conjugated anti-mouse IgG (Amersham, 1:15,000), then washed and visualized with TMB reagent.

Result: Lot B-1 is evaluated as better reactivity compared with Lot A-3 of PP-N1665-00.



| antibody conc. (ng/ml) | n = 2 | |
|------------------------------|---------|-------|
| | Lot No. | |
| | A-3 | B-1 |
| 1 | 0.008 | 0.036 |
| 4 | 0.014 | 0.076 |
| 12 | 0.031 | 0.168 |
| 37 | 0.063 | 0.332 |
| 111 | 0.152 | 0.692 |
| 333 | 0.354 | 1.223 |
| 1000 | 0.729 | 1.729 |
| 3000 | 1.315 | 2.072 |