

## Product Datasheet

**42647 antibody (orb345633)**

**Description**

42647 antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse

**Conjugation**

Unconjugated

**Tested**

ELISA, IF, IP, WB

**Applications**
**Immunogen**

This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human Oct-4 protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

This affinity purified antibody has been tested for use in ELISA and western blotting.

**Isotype**

IgG

**Clonality**

Polyclonal

**Purity**

This product was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human and mouse Oct-4 protein. Cross-reactivity with Oct-4 from other species has not been tested. A BLAST analysis was used to suggest additional cross-reactivity with Oct-4 from chimpanzee, macaque and horse based on a 100% homology with the immunizing sequence; and mink, dog, bovine and pig based on a 93% homology.

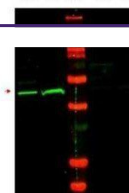
**Uniprot ID**
**Q01860**
**NCBI**
**116235491**
**Dilution Range**

ELISA: 1:350,000, IF: User Optimized, IP: User Optimized, WB: 1:1,000 - 1:1,500

**Expiration Date**

12 months from date of receipt.

MEF HN MY MEF HN



Western blot analysis of mouse embryonic...