# abcam

## Product datasheet

# Anti-Octó antibody ab221964

## 1 Abreviews 1 Image

#### Overview

Product name Anti-Oct6 antibody

**Description** Rabbit polyclonal to Oct6

Host species Rabbit

Tested applications
Suitable for: ICC/IF
Species reactivity
Reacts with: Human

Predicted to work with: Mouse, Rat

**Immunogen** Recombinant fragment corresponding to Human Oct6 aa 1-100.

Database link: Q03052

Run BLAST with
Run BLAST with

Positive control ICC/IF: SK-MEL-30 cells.

**General notes**The Life Science industry has been in the grips of a reproducibility crisis for a number of years.

Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

## **Properties**

Form Liquid

**Storage instructions** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term. Avoid freeze / thaw cycle.

Storage buffer pH: 7.20

Preservative: 0.02% Sodium azide

Constituents: 40% Glycerol (glycerin, glycerine), PBS

Purity Immunogen affinity purified

**Clonality** Polyclonal

**Isotype** IgG

1

#### **Applications**

### The Abpromise guarantee

Our <u>Abpromise guarantee</u> covers the use of ab221964 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| ICC/IF      |           | Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100. |

### **Target**

| Function | Transcription factor that binds to the octamer motif | (5'-ATTTGCAT-3') Thought to be involved in |
|----------|--|--|
| i uncuon |  | (3-ATTTOCAT-3). Hought to be involved in   |

early embryogenesis and neurogenesis.

**Tissue specificity** Expressed in embryonal stem cells and in the developing brain.

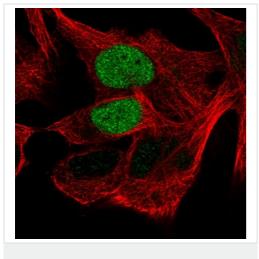
**Sequence similarities**Belongs to the POU transcription factor family. Class-3 subfamily.

Contains 1 homeobox DNA-binding domain.

Contains 1 POU-specific domain.

Cellular localization Nucleus.

#### **Images**



Immunocytochemistry/ Immunofluorescence - Anti-Oct6 antibody (ab221964)

PFA-fixed, Triton X-100 permeabilized SK-MEL-30 cells stained for Oct6 (green) using ab221964 at 4 µg/ml in ICC/IF.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <a href="https://www.abcam.com/abpromise">https://www.abcam.com/abpromise</a> or contact our technical team.

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