

Datasheet for ABIN615524
anti-OCT4 antibody



[Go to Product page](#)

5 Images

Overview

Quantity:	50 µL
Target:	OCT4 (POU5F1)
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Plasminogen recombinant protein (human) .Remarks: Amino acid sequence homology: rabbit (85%), bovine (85%), pig (88%), monkey (97%)
Specificity:	This antibody detects OCT3/4.
Cross-Reactivity (Details):	Species reactivity (expected):MonkeySpecies reactivity (tested):Human
Purification:	Immunoaffinity Chromatography

Target Details

Target:	OCT4 (POU5F1)
Alternative Name:	OCT3/4 (POU5F1 Products)
Background:	Synonyms: OCT3, OCT4, OTF3, Oct-3, Oct-4, Octamer-binding transcription factor 3, POU domain, POU5F1, class 5, transcription factor 1

Target Details

Gene ID:	5460
NCBI Accession:	NP_002692
UniProt:	Q01860
Pathways:	Stem Cell Maintenance

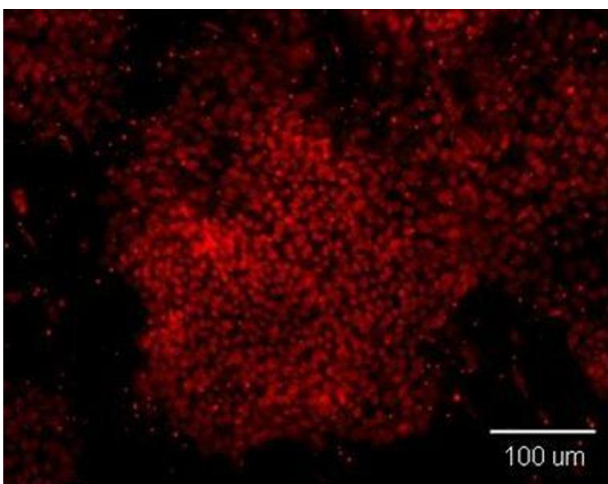
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

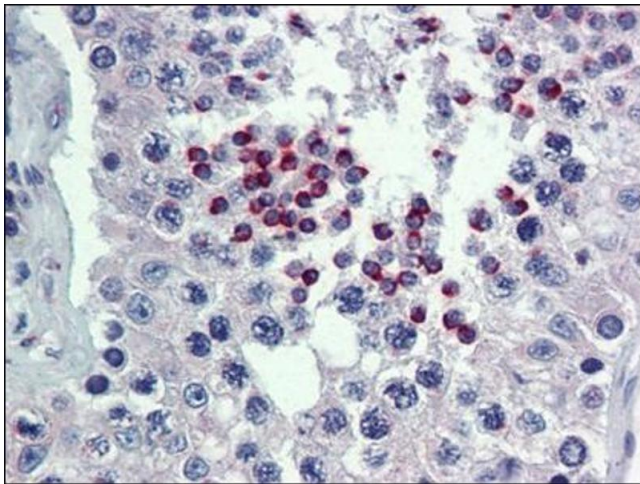
Format:	Liquid
Buffer:	PBS, pH 7, 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store (in aliquots) at -20 °C. Dilute only prior to immediate use.

Images



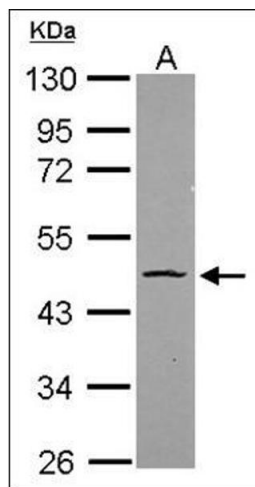
Immunofluorescence

Image 1. Immunofluorescence analysis of paraformaldehyde-fixed human embryonic stem cell, using OCT3/4 antibody at 1:100 dilution.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 3. Sample (20 μ g). A: HeLa nucleus. 10% SDS PAGE. POU5F1 antibody diluted at 1:1000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN615524.