

Oct-34 Recombinant antibody

Cat:B32130R

Company: Haokebio

Uniprot ID:Q01860

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

OCT-3/4 (also known as Oct4 or POU5F1) is a member of the POU family of transcription factors. It is located on chromosome 6p21.31, and is strongly expressed in undifferentiated embryonic stem cells and germ cells, while its expression is downregulated in all differentiated somatic cells.

It binds to transcription sites through the octamer motif (5'-ATTTCAT-3').OCT-3/4 is a specific marker for germ cell tumors, and is used in the diagnosis of seminoma (including mediastinal seminoma), central nervous system germinoma, ovarian dysgerminoma, and embryonal carcinoma.

Protein full name:

POU class 5 homeobox 1

Synonyms:

OCT4, POU5F1, OCT3, Oct-3, Oct-4

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

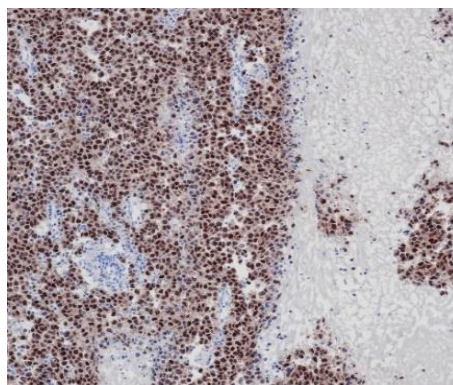
PBS with 0.02%sodium azide,100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4°C overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Human seminoma tissue,4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:Oct-34(B32130R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.