

Anti-Oct-2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

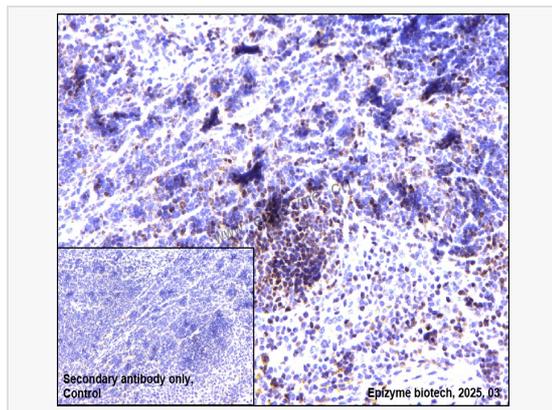
Catalog # R015200

Product Information

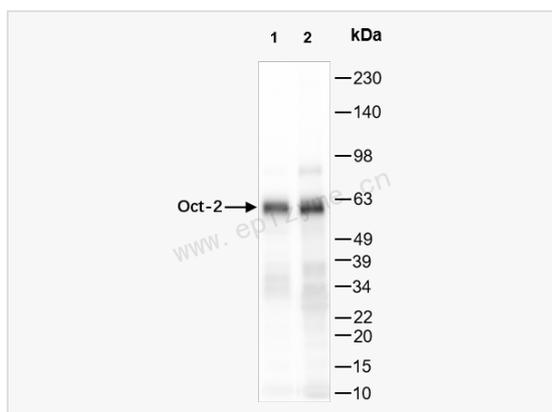
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	17T83195
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Oct-2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Oct-2 Rabbit mAb [17T83195] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	class 2; Lymphoid restricted immunoglobulin octamer binding protein; Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2; NF A2; Oct 2; Oct-2; Octamer binding transcription factor 2; Octamer-binding protein 2; Octamer-binding transcription factor 2; OTF-2; OTF2; PO2F2_HUMAN; POU domain; POU domain class 2 transcription factor 2; POU2F2; transcription factor 2.
Calculated MW	Calculated MW: 51 kDa; Observed MW: 58 kDa
Uniprot ID	P09086
Gene ID	5452
Background	The protein encoded by this gene is a homeobox-containing transcription factor of the POU domain family. The encoded protein binds the octamer sequence 5'-ATTTGCAT-3', a common transcription factor binding site in immunoglobulin gene promoters. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.



Immunohistochemistry - Anti-Oct-2 Rabbit mAb [17T83195]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse spleen tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015200 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Western Blot - Anti-Oct-2 Rabbit mAb [17T83195]
All lanes: R015200 at 1:1,000 dilution
Lane 1: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 2: Mouse spleen whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 51 kDa
Observed band size: 58 kDa
Developed using the ECL technique (Cat. No. SQ201).