

Oct-2 (AB1363) Mouse mAb

W0381

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 51 kDa (calculated)
- 65 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1363
Immunogen	A synthetic peptide corresponding to the amino acid region 250 - 350 of the human 45932 protein.
Specificity	The antibody can specifically recognize human Oct-2 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name POU2F2

Protein Name Oct-2 protein

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P09086	5452

Background Oct-2 is a B-cell transcription factor that binds to coactivator Bob. 1 to activate the transcription of immunoglobulin gene. It plays a role in the formation of germinal centers and the differentiation of B cells into plasma cells. OCT2 is highly expressed in all mature B cells and low expressed in pre-B cells, T cells and myeloid cells. It is a marker of B cell differentiation. It can be used to identify B cells and B-cell lymphoma.