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Oct-2 (AB1363) Mouse mAb

V0423

Key Features

Host Species
- Mouse

Reactivity
- Human; Mouse;

Applications
- Immunohistochemistry (IHC)

MW
- 51 kDa (calculated)
- kDa (observed)

Isotype
- IgG2b, kappa

Recommended Dilution Ratios

Application	Dilution
Immunohistochemistry (IHC)	IHC, 1:200-1:400

Storage

Storage Conditions	Store at-20℃. 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.