

BOB.1 (AB1494) mouse mAb

W0267

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 27 kDa (calculated)
- 35 kDa (observed)

Isotype

- IgG2a, 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	AB1494
Immunogen	A synthetic peptide corresponding to the amino acid region 150 - 256 of the human BOB. 1 protein.
Specificity	The antibody can specifically recognize human BOB. 1 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	POU2AF1		
Protein Name	BOB. 1		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q16633	5450

Background	BOB. 1 is a transcription activating factor necessary for the formation of follicular germinal center and the production of immunoglobulin. It works together with Oct-2 and is highly expressed in granulocytes of spleen and peripheral blood. It is mainly used for the typing of Hodgkin's lymphoma, mainly nodular lymphocytes. Hodgkin's lymphoma is positive and classical Hodgkin's lymphoma is negative.
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