BOB.1 (B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone BOB1/2425]

Catalog No	Format	Size
5450-MSM5-IHC7	7.0ml of Prediluted Antibody for IHC	7.0 ml

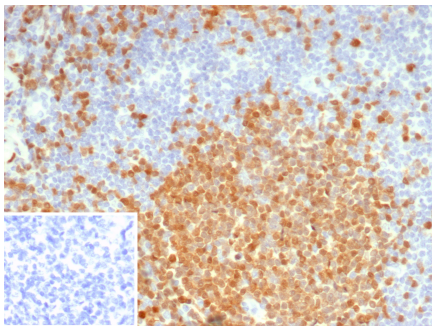
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	BOB1/2425
Gene Name	POU2AF1
Immunogen	Recombinant fragment (around aa 148-255) of human BOB1 (POU2AF1) protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	35kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human spleen or tonsil.

**Optimal dilution for a specific application should be determined.*

Product Images for BOB.1 (B-Cell Marker) Antibody



Formalin-fixed, paraffin-embedded human tonsil stained with BOB1 MouseMonoclonal Antibody (BOB1/2425). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

BOB.1 expression in a variety of established B-cell lines, representing different stages of B-cell development, has suggested a constitutive, B-cell-specific expression pattern. LP cells in nodular lymphocyte predominant Hodgkin lymphoma, because they are germinal center-derived, are consistently immuno-positive for BOB.1. Conversely, only some cases of classical Hodgkin lymphoma show BOB.1 immuno-reactivity within the Hodgkin and Reed-Sternberg cells.Expression of BOB.1 has been reported in follicular center cell lymphoma, diffuse large B-cell lymphoma and some cases of acute myeloid leukemia.B-CLL, marginal zone lymphoma, and mantle cell lymphoma may show weak to moderate immunoreactivity.

Supplied As

7.0ml of Ready-to-Use for IHC staining of formalin-fixed paraffin-embedded tissues.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

B Cell Markers, Cancer, Cardiovascular

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.