

Monoclonal Mouse Antibody to Human BOB.1/OBF.1

Catalog No.:	Mob 445, Mob 445-05
Applications:	Research Use Only. Optimal working conditions must be determined by the end user.
Immunogen:	A recombinant BOB.1/OBG.1 protein from c-terminal domain.
Clone:	Wue-AC5
Isotype:	IgG2a
Format:	This antibody is supplied as purified immunoglobulin containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50 to 1:100 in an ABC method. The final working dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	B cell specific octamer binding protein-1 (BOB-1) is a lymphocyte specific transcription co-activator protein. B-cell-specific transcription is mediated by octamer motifs found in immunoglobulin heavy and light chain gene promoters and in some immunoglobulin enhancers. These sites are bound by B cell specific Oct1 and Oct2 transcription factors and B-cell restricted co activator BOB.1/OBF.1. This protein interacts only with Oct1/2 proteins through sub domains in the POU domain of Oct1/2 proteins. This antibody cross reacts with human and mouse.
Positive Control:	Tonsil
Cellular Localization:	Cell membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Brunner et al. J Biol Chem 278: 45231, 2003. ii) Laumen et al. Nuc Acid Res 32: 1577, 2004. iii) Samardzic et al. Mol Cell Biol 22: 8320, 2002.

RUO: Research Use Only

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