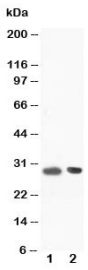
BOB-1 Antibody (R30579)

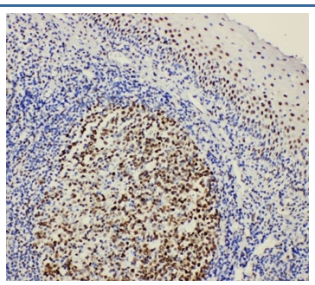
Catalog No.	Formulation	Size
R30579	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q64693
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This BOB-1 antibody is available for research use only.



Western blot testing of BOB-1 antibody and Lane 1: rat spleen tissue lysate. Predicted molecular weight: ~28/35-40kDa (unmodified/ubiquitinated).



IHC-P: BOB-1 antibody testing of rat tonsil tissue

Description

POU2AF1(POU domain class 2-associating factor 1), also known as OBF1, BOB-1 and OCAB, is a protein that in humans is encoded by the POU2AF1 gene. POU domain proteins contain a bipartite DNA-binding domain divided by a flexible linker that enables them to adopt various monomer configurations on DNA. The versatility of POU protein operation is additionally conferred at the dimerization level. Casellas et al.(2002) reported that OCAB is essential for V(D)J recombination of a subset of Ig-kappa genes. They showed that OCAB modulates recombination by directly enhancing Ig-kappa gene transcription in vivo. Siegel et al.(2006) suggested that, together with dysregulation of other OCAB target genes, altered regulation of SYK may help explain the magnitude of defects observed in B-cell development, including the pre-B1-to-pre-B2 transition, and immune responses in Ocab -/- mice.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the BOB-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse BOB-1 (EEEESNTYELNHTLSVEGF) was used as the immunogen for this BOB-1 antibody.

Storage

After reconstitution, the BOB-1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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