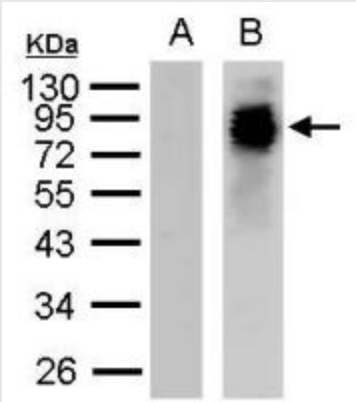
Polyethylene Glycol (PEG) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Polyethylene Glycol (PEG), Polyclonal Antibody
Full Product Name	Polyethylene Glycol (PEG) (AP)
Product Gene Name	anti-PEG antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Immunoaffinity chromatography
Specificity	Recognizes PEG. Shows reactivity with chemical samples in Western Blot.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	PEG conjugated to KLH
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-PEG antibody	Antibodies; Glycols
Applications Tested/Suitable for anti-PEG antibody	Western Blot (WB)
Application Notes for anti-PEG antibody	WB: 1:5000-1:30,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PEG antibody	MBS6494088 is an antibody targeting PEG. Also known as Polyethylene Glycol (PEG) (AP). Host: Rabbit.
Product References and Citations for anti-PEG antibody	1. Guiotto, A. et al. (2004). Anchimeric assistance effect on regioselective hydrolysis of branched PEGs: a mechanistic investigation. Bioorg. Med.Chem. 12, 5031. 2. Wong, S.S. (1991) Reactive groups of proteins and their modifying agents. In Chemistry of protein conjugation and cross-linking, p. 13, CRC Press. 3. Caliceti, P. et al. (1993) Active site protection of proteolytic enzymes by poly(ethylene glycol) surface modification. J. Bioact. Comp. Polym. 8, 41. 4. Frank Leenders, celares GmbH, Berlin, Germany.(2006). PEGylation technology and biopharmaceuticals. Biopharmaceuticals. 6, 39-40. 5. Francesco M.Veronese, Gianfranco Pasut. (2005).
Other Notes	Small volumes of anti-PEG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PEG antibody
Western Blot analysis of 100ng of PEGylated BSA using MBS6007791 at 1:30,000 dilution.
A: Normal BSA. B: PEGylated BSA.

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Online datasheet: https://www.mybiosource.com/polyclonal-peg-antibody/polyethylene-glycol/6494088