

Anti-PEG Antibody (Clone 09F02)
Mouse Monoclonal Antibody
Catalog # ABV10780**Specification**

Anti-PEG Antibody (Clone 09F02) - Product Information

Application	E
Reactivity	All Species
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG3k

Anti-PEG Antibody (Clone 09F02) - Additional Information

Positive Control	3 PEG Conj μgates (20 kDa, 5 kDa, 10 kDa)
Other Names	
Polyethylene Glycol	

Target/Specificity
PEG**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
1 mg/ml in 0.1 M Sodium Acetate/0.15 M NaCl, pH 5.0**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
Anti-PEG Antibody (Clone 09F02) is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-PEG Antibody (Clone 09F02) - Protein Information****Anti-PEG Antibody (Clone 09F02) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PEG Antibody (Clone 09F02) - Images

Anti-PEG Antibody (Clone 09F02) - Background

Polyethylene Glycol (PEG) is a polymer of ethylene oxide available in size variants from 400 Da to 40 kDa. It is nonionic, nontoxic, biocompatible, strong, hydrophilic and has a large exclusion volume in aqueous solution. PEG has a number of industrial and biomedical applications. The modification of a biopharmaceutical with PEG increases its hydrodynamic radius, reduces immunogenicity and proteolytic cleavage. In particular, therapeutic proteins are conjugated with PEG to slow down their clearance from circulation and improve bioavailability. PEG antibodies can be a vital tool for propelling therapeutics to market by serving as a positive control anti-drug antibody, measuring clearance of a drug, or simply as a QA release confirming PEGylation.