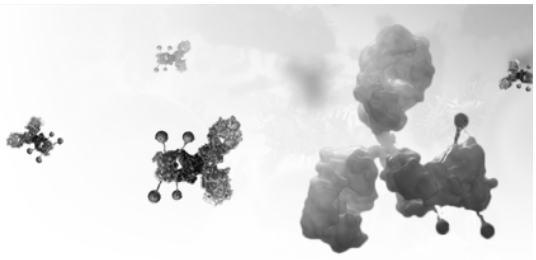

Mouse Anti-PEG monoclonal antibody, clone BHQ4 [Biotin] (CABT-L3137)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This clone is a biotinylated IgM antibody that can be used to capture and detect PEGylated compounds.
Specificity	This clone is a biotinylated IgM antibody that can be used to capture and detect PEGylated compounds.
Target	Polyethylene glycol
Isotype	IgM
Source/Host	Mouse
Species Reactivity	N/A
Clone	BHQ4
Purification	Affinity Purified
Conjugate	Biotin
Applications	ELISA, WB, FC, IHC
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	PBS
Preservative	0.1% Sodium Azide

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Storage	Long term storage: Store at -20℃.
Ship	Dry ice

BACKGROUND

Introduction	PEG (polyethylene glycol) is a water-soluble, nontoxic, biocompatible polymer that has been approved by the Food and Drug Administration (FDA) for human intravenous, oral and dermal applications. Attachment of PEG chains to proteins can reduce their immunogenicity, minimize proteolytic cleavage and increase their serum half-life. PEG has also been attached to small molecules and liposomes for more selective delivery. PEG-modification of superparamagnetic iron oxide and quantum dots can improve their biocompatibility and reduce non-specific uptake. 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.
Keywords	Polyetheylene Glycol; PEG

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