



## DATA SHEET

### Anti-Polyethylene glycol antibody [PEG-B-47]

**Cat No. KTab51257**

**Product name** Anti-Polyethylene glycol antibody [PEG-B-47]

**Description** Rabbit monoclonal [PEG-B-47] to Polyethylene glycol

**Host species** Rabbit

This antibody recognizes the terminal methoxy group of the PEG molecule. This antibody does not cross react with non-specific targets in blood or serum.

#### Tested applications

**Suitable for:** ELISA, WB, IHC-P

#### Species reactivity

**Reacts with:** Species independent

Chemical/ Small Molecule corresponding to Polyethylene glycol conjugated to keyhole limpet haemocyanin. KLH-Polyethylene glycol with a terminal methoxy group.

IHC-P: Mouse injected with PEGylated protein kidney, muscle, liver and spleen tissue. WB: BSA- PEG.

#### Properties

**Form** Liquid

**Storage instructions** Shipped at 4°C. Upon delivery aliquot. Store at -20°C.

**Dissociation constant (K<sub>D</sub>)** K<sub>D</sub> = 2.41 x 10<sup>-9</sup> M

**Storage buffer** pH: 7.2

Preservative: 0.01% Sodium azide

Constituents: 40% Glycerol, 0.05% BSA, 59% PBS

**Purity** Protein A purified

**Clonality** Monoclonal

**Clone number** PEG-B-47

**Isotype** IgG

#### Applications

ELISA Use a concentration of 0.5 - 5 µg/ml.

WB Use a concentration of 0.015 - 0.075 µg/ml.

### For In-Vitro Diagnostic Use. Not For Human Or Animal Consumption.

Kreative will not be held responsible for patent infringement or other violations that may occur with the use of our products.

\*These products may be covered by one or more Limited Use Label Licenses (see the Kreative Catalog or our website, [www.kreativetechlabs.com/ordering#license](http://www.kreativetechlabs.com/ordering#license)). Kreative products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of Kreative. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for in-vitro diagnostic use. not for human or animal consumption.