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## PRODUCT SPECIFICATION MONOCLONAL ANTIBODY

REF. : **M43**  
HYBRIDOMA CELL LINE: **Clone 2E9, anti-Phosphatidylethanol (anti-PEth)**  
LOT: **250808, R4**

**PROTEIN CONCENTRATION : 3.99 mg/ml**

Protein concentration has been determined by BCA-protein assay (PIERCE) with BSA as standard.

### **FORMULATION :**

The product is supplied as a solution of antibody in phosphate-buffered saline without any preservative. The antibodies were derived from cell culture which showed no signs of contamination.

### **PURIFICATION :**

The product has been purified by Ion-Exchange-Chromatography.

**ISOTYPING: mouse IgM**

Isotyping was performed by ELISA with Ab sets from DIANOVA, Germany.

**PURITY: >90 %**

Purity was estimated by silver stained SDS PAGE.

### **EXPIRY:**

Store at  $\leq -20^{\circ}\text{C}$ , avoid repeated freeze/thaw cycles.

Product is stable for at least 1 year after receipt when stored appropriately.

### **DESCRIPTION:**

Nissinen, A.E. et. al.: Immunological Detection of In Vitro Formed Phosphatidylethanol - An Alcohol Biomarker – With Monoclonal Antibodies; Alcohol Clin Exp Res, Vol. 32, No. 6, pp. 921-928, 2008

For in-vitro Research Use Only. Not for use in or on humans or animals. We are not responsible for violations or patent infringements which may occur with the use of our products



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