



## Mouse Anti-Human IgM (EMI-43) Monoclonal Antibody

Catalog: MBL170

Host: Mouse IgG1

Reactivity: Human

### BackGround:

Human immunoglobulins are glycoproteins composed of two disulfide-bonded heavy (H) chain subunits, each of which is linked by interchain disulfide bonds to a light (L) chain forming a tetramolecular complex. There are five classes of immunoglobulins, designated IgG, IgA, IgM, IgD and IgE, which are defined by differences in the constant region of H chains. L chains are divided into  $\kappa$  or  $\lambda$ Da; classifications based on structural antigenic differences. All classes of immunoglobulins have been found on the cell surface of B lymphocytes where they function as antigen receptors to elicit antigen-dependent proliferation and secretion of antigen specific soluble circulating antibodies.

### Product:

50 mM Sodium Phosphate pH 7.5, 150mM NaCl, 10% Glycerol, 0.02% NaN<sub>3</sub> (as a preservative).

### Size:

1mg

### Swiss-Prot:

P01871

### Purification&Purity:

Affinity purified mouse anti- Human IgM monoclonal antibody

### Applications:

Flow Cytometry  
ELISA

### Storage&Stability:

Stable for at least 1 year after receipt when stored at +4 °C.

### Specificity:

IgM(EMI-43) mAb detects endogenous levels of IgM(EMI-43) protein.

### DATA:

Declaration: Manufactured by Bioworld Corporation.

### Note:

For research use only, not for use in diagnostic procedure.

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