



Anti-MBP Tag Data Sheet

(Maltose-Binding Protein)

Catalog No. | Description

T009 | Anti-MBP Tag (MBP61R) Monoclonal Antibody

Clonality | Host Species | Isotype

MBP61R | Mouse | IgG2b

Immunogen

Purified recombinant MBP fusion protein expressed in *E. Coli*.

Specificity

Recognizes all forms of MBP.

Purification

Protein A affinity chromatography from mouse ascites fluid.

Application

Dot, ELISA, IP, IS, WB.

Sensitivity

WB (with ECL): 1-10ng of MBP or MBP fusion proteins.

Form

Liquid: 1mg/mL in 10mM PBS, pH 7.2, with 0.05% NaN₃.

Lyophilized: 1mg/mL lyophilized in 10mM PBS, pH 7.2, with 1% BSA and 0.05% NaN₃.

Working Condition

WB (with ECL): 1:1000-3000 dilution (incubate for 1 hour at room temperature).

IP: 1:50-200 dilution.

IS: 1:500-2000 dilution.

In order to obtain best results in other assays (e.g.: Dot, ELISA, etc), please determine optimal working dilution by titration test.

Storage

Liquid: Store at -20°C for 2 years or more. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for several days to weeks.

Lyophilized: Store at -20°C for 3 years or more. Reconstitute with distilled water to desired concentration before use. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for several days to weeks.

Images

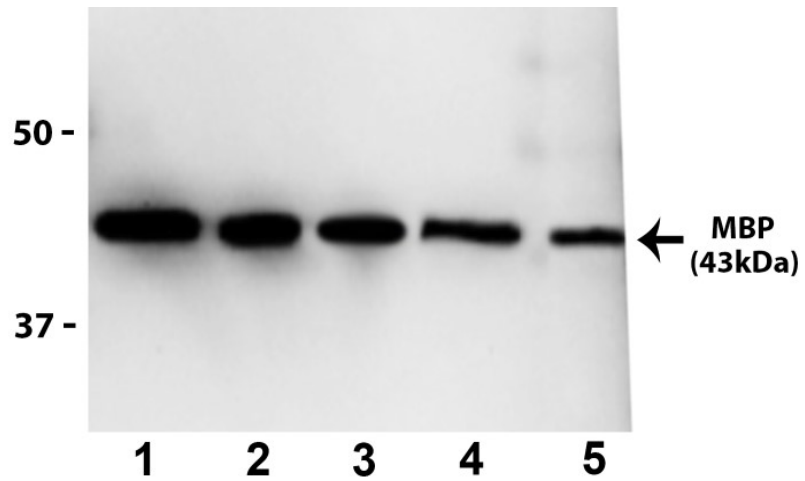


Fig. 1: 2000 (0.5 μ g/mL) Ab dilution probed against purified MBP: 50ng (1), 24ng (2), 12ng (3), 6ng (4), and 3ng (6).

For *in vitro* research use only



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