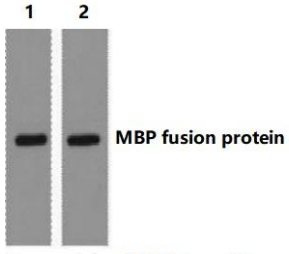
PRODUCT DATA SHEET

MBP-Tag mAb (7G2), HRP Conjugated

Catalog No.	IBY0095
Reactivity	Species independent
Applications	WB
Alternative Names	MBP
Formulation	Liquid in PBS containing 50% glycerol and 0.5% BSA.
Source	Mouse
Dilution	WB: 1:5000
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	N/A
Storage&Stability	Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.
Subcellular Location	-
MW	N/A
Background	MBP is a useful affinity tag that can increase the expression level and solubility of the resulting tagged protein. The MBP tag also promotes proper folding of the attached protein. Plasmid vectors have been constructed utilizing the MBP domain that allow the synthesis of high levels of MBP-fusion proteins that can be purified in a one step procedure by affinity chromatography cross linked amylose resin. Once bound to amylose, the MBP protein can then be separated from the target protein by cleavage by coagulation Factor Xa at a specific four residue site. Alternatively, the intact fusion protein can be specifically eluted from the resin by the addition of excess free maltose. Subsequent to elution, MBP fusion protein can be visualized either by western blot analysis or immunoprecipitation using antibodies specific for the MBP-tag. This antibody recognizes MBP (Maltose binding protein) TAG in some expression systems.
Swiss-Prot	N/A

Products Images:



0.5ug MBP fusion protein+ MBP-Tag mAb (7G2), HRP Conjugated, dilution at 1) 1:3000 2) 1:5000