

## MBP tag antibody

### Product Information

Catalog No.:	FNab05042
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	0D8
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Protein tags are protein or peptide sequences located either on the C-or N-terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. Maltose binding protein(MBP) is the 370 amino acid product of the E.coli mal E gene. 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.

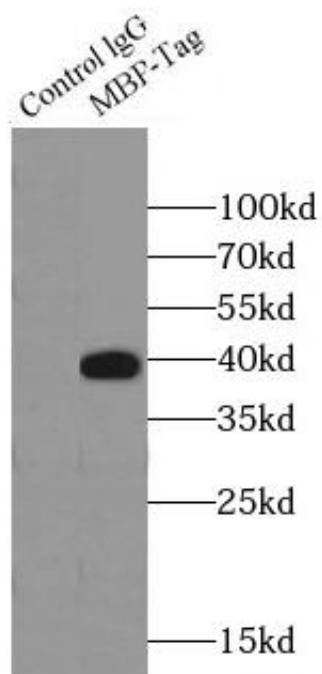
### Immunogen information

Immunogen:	MBP-Tag
Synonyms:	Maltose Binding Protein MBP MBP Tag
Observed MW:	40 kDa
Uniprot ID :	None

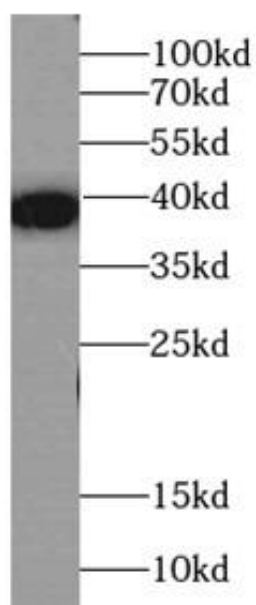
### Application

Reactivity:	Recombinant protein
Tested Application:	ELISA, WB, IP
Recommended dilution:	WB: 1:1000-1:8000; IP: 1:5000-1:50000

Image:



IP Result of anti-MBP tag (IP: FNab05042, 5ug;  
Detection: FNab05042 1:20000) with  
Recombinant protein protein lysate 800ug.



Recombinant protein were subjected to SDS  
PAGE followed by western blot with  
FNab05042(MBP tag antibody) at dilution of  
1:4000