

Anti-MBP [BBMBP23.42]

Catalogue number: 154470

Sub-type: Primary antibody

Images:

Contributor

Inventor: Brian Burke

Institute: A*STAR Accelerate Technologies Pte Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-MBP [BBMBP23.42]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: The E. coli maltose binding protein (MBP) is a product of the malE gene and is part of two multicomponent systems that uptake and sense maltose and higher-order glucose polymers (e.g. maltodextrin). MBP acts in the periplasmic space where it binds with high affinity to maltose/maltodextrin which, in turn binds to (i) a transport apparatus that translocates the MBP ligand across the inner membrane to the cytoplasm and (ii) chemoreceptors causing activation of a signaling pathway that directs t...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a kappa

Reactivity: E.coli

Selectivity:

Host: Mouse

Immunogen: E.coli maltose binding protein (MBP) fusion construct

Immunogen UNIPROT ID: P0AEX9

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: MBP expressing construct in bacteria or mammalian cells

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Maltose Binding Protein

Target alternate names:

Target background: The E. coli maltose binding protein (MBP) is a product of the malE gene and is part of two multicomponent systems that uptake and sense maltose and higher-order glucose polymers (e.g. maltodextrin). MBP acts in the periplasmic space where it binds with high affinity to maltose/maltodextrin which, in turn binds to (i) a transport apparatus that translocates the MBP ligand across the inner membrane to the cytoplasm and (ii) chemoreceptors causing activation of a signaling pathway that directs t...

Molecular weight: MBP precursor polypeptide 43 kDa, mature MBP 42 kDa

Ic50:

Applications

Application: IF ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Farwell et al. 2000. Am J Pathol. 156(5):1537-47. PMID: 10793065.

CancerTools.org