

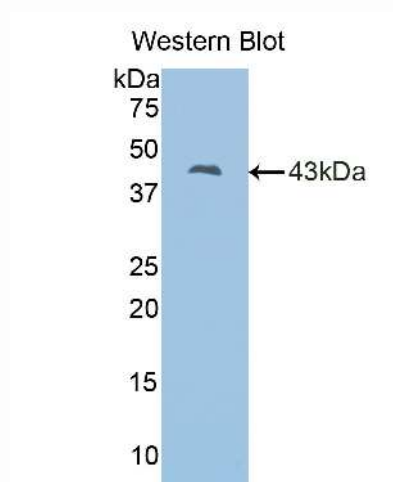
A91650Hu22
Polyclonal Antibody to Major Basic Protein (MBP)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: MBP
Clonality: Monoclonal
Host: Mouse
Species Reactivity: Human
Ig type: Mouse IgG
Purification: Antibodies are purified by target protein affinity chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Form: Liquid
Size: 100µg



Sample: Recombinant human MBP

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human MBP (Gln105~Tyr222) expressed in *E.coli*.
Molecular Weight: 41.0kDa
USCN accession No.: P91650Hu01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQ SMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
 DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
 VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD
 GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQ

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GPLGSEF-QTCRYL LVRSLQTFSQ AWFTCRRCYR GNLVSIHNFN INYRIQCSVS
ALNQGQVWIG GRITGSGRCR RFQWVDGSRW NFAYWAAHQP WSRGGHCVAL
CTRGGHWRRA HCLRRLPFIC SY

[ANTIBODY SPECIFICITY]

Anti MBP is a mouse monoclonal antibody raised against human MBP. This antibody has been selected for its ability to recognize human MBP in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant human MBP (Gln105~Tyr222) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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