

MAB650Hu21

Monoclonal Antibody to Major Basic Protein (MBP)

Organism Species: Homo sapiens (Human)

Instruction manual

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

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: MBP, Human

Clonality: Monoclonal

Host: Mouse

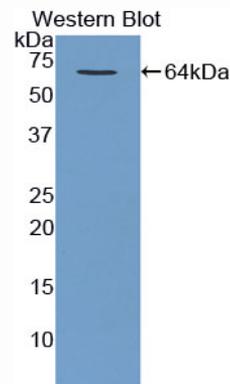
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant MBP, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant MBP (Gln105~Tyr222) expressed in *E.coli*.

Accession No.: RPB650Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MKIEEGKLV I WINGDKGYNG LAEVGKKFEK DTGIKVTVEH PDKLEEKFPQ VAATGDGPD I
IFWAHDRFGG YAQSGLLAEI TPKDAFQDKL YPFTWDAVRY NGKLIAYPIA VEALSLIYNK
DLLPNPPKTW EEIPALDKEL KAKGKSALMF NLQEPYFTWP LIAADGGYAF KYENGYDIK
DVGVDNAGAK AGLTFLVDLI KNKHMNADTD YSIAEAAFNK GETAMTINGP WAWSNIDTSK
VNYGVTVLPT FKGQPSKPFV GVLSAGINAA SPNKELAKEF LENYLLTDEG LEAVNKDKPL
GAVALKSYEE ELAKDPRIAA TMENAQKGEI MPNIPQMSAF WYAVRTAVIN AASGRQTUDE
ALKDAQTGST SSGSGHHHHH SAGLVPRGST AIGMKETAAA KFERQHMDSP

DLGTLEVL FQ GPLGSEF- QTCRYL LVRSLQTFSQ AWFTCRRCYR GNLVSIHNFN
INYRIQCSVS ALNQQQVWIG GRITGSGRCR RFQWVDGSRW NFAYWAAHQ P
WSRGGHCVAL CTRGGHWRRRA HCLRRLPFIC SY

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against MBP. It has been selected for its ability to recognize MBP in immunohistochemical staining and western blotting.

[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

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[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.