

Mouse MECP2 Monoclonal Antibody | anti-MECP2 antibody

MECP2 (Methyl-CpG-binding Protein 2, MeCp-2 Protein, MeCp2, DKFZp686A24160) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24861	Mouse	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

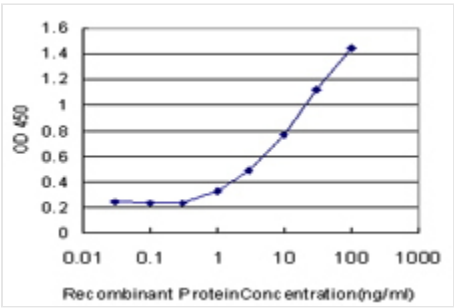
PRODUCT SYNONYMS

MECP2; Monoclonal Antibody; MECP2 (Methyl-CpG-binding Protein 2; MeCp-2 Protein; MeCp2; DKFZp686A24160) (Biotin); anti-MECP2 antibody

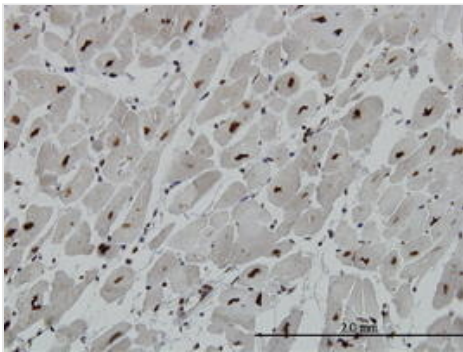
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4B6
Specificity	Recognizes human MECP2. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-MECP2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa81-170 from human MECP2 (AAH11612) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PKQRRSIIRDGRGPMYDDPTLPEGWTRKLKQRKSGRSAGKYDVYLINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGRGSPSRREQ
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

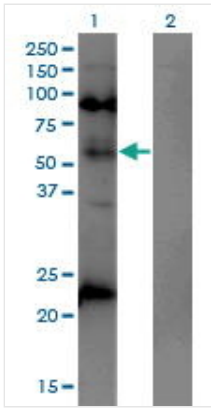
IMAGES



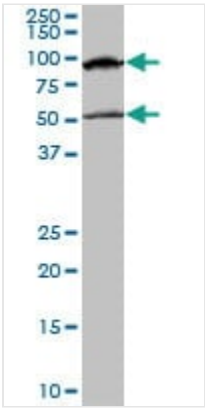
Application Data
Detection limit for recombinant GST tagged MECP2 is ~1ng/ml as a capture antibody.



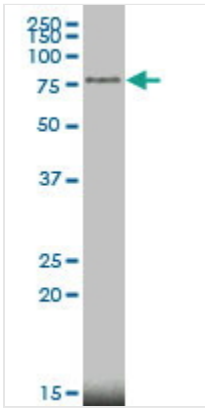
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to MECP2 on formalin-fixed paraffin-embedded human heart. [antibody concentration 3ug/ml]



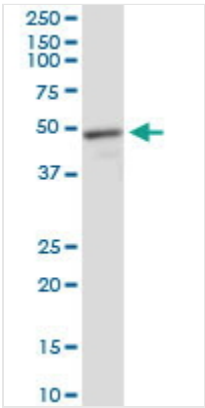
WB (Western Blot)
Western Blot analysis of MECP2 expression in transfected 293T cell line by MECP2 monoclonal antibody. Lane 1: MECP2 transfected lysate (52.4kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
MECP2 monoclonal antibody. Western Blot analysis of MECP2 expression in NIH/3T3.



WB (Western Blot)
MECP2 monoclonal antibody Western Blot analysis of MECP2 expression in MCF-7,



WB (Western Blot)
MECP2 monoclonal antibody. Western Blot analysis of MECP2 expression in rat muscle.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MECP2 antibody	Antibodies; Binding Proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15079579
NCBI GeneID	4204

Molecular Weight	53,323 Da
NCBI Official Full Name	Homo sapiens methyl CpG binding protein 2 (Rett syndrome), mRNA
NCBI Official Synonym Full Names	methyl CpG binding protein 2
NCBI Official Symbol	MECP2
NCBI Official Synonym Symbols	RS; RTS; RTT; PPMX; MRX16; MRX79; MRXSL; AUTSX3; MRXS13
NCBI Protein Information	methyl-CpG-binding protein 2; meCp-2 protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mecp2-antibody-clone-4b6-immunohistochemistry-western-blot-elisa/24861>