

PTBP1 monoclonal antibody

Catalog: MB9458

Host: Mouse

Reactivity: Human, Rat

BackGround:

Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Activates exon skipping of its own pre-mRNA during muscle cell differentiation. Binds to the polypyrimidine tract of introns. May promote RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA. May promote the binding of U2 snRNP to pre-mRNA. Cooperates with RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. Represses the splicing of MAPT/Tau exon 10. In case of infection by picornaviruses, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES-mediated translation.

Product:

Mouse IgG2a, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

57 kDa

Swiss-Prot:

P26599(Human) Q00438(Rat)

Purification&Purity:

ProG affinity purified.

Applications:

WB:1:5,000-1:10,000

IHC:1:50-1:100

ICC:1:50-1:100

FC:1:50-1:100

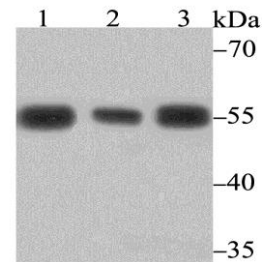
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

Specificity:

PTBP1 monoclonal antibody detects endogenous levels of PTBP1 protein.

DATA:



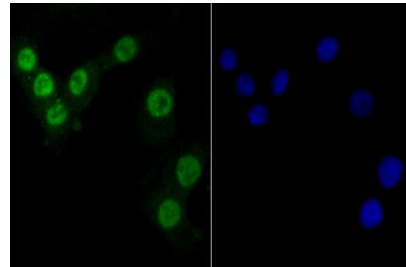
Western blot analysis of PTBP1 on different cell lysates using anti-PTBP1 antibody at 1/5,000 dilution.

Positive control:

Lane 1: Jurkat

Lane 2: A431

Lane 3: K562



ICC staining PTBP1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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