

IGF2BP3 monoclonal antibody

Catalog: MB21398

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. Tissue specificity: Expressed in fetal liver, fetal lung, fetal kidney, fetal thymus, fetal placenta, fetal follicles of ovary and gonocytes of testis, growing oocytes, spermatogonia and semen (at protein level). Expressed in cervix adenocarcinoma, in testicular, pancreatic and renal-cell carcinomas (at protein level). Expressed ubiquitously during fetal development at 8 and 14 weeks of gestation. Expressed in ovary, testis, brain, placenta, pancreatic cancer tissues and pancreatic cancer cell lines. IMP-3 is a marker for carcinomas and high-grade dysplastic lesions of pancreatic ductal epithelium.

Product:

Ascitic fluid containing 0.03% sodium azide.

Molecular Weight:

69kDa

Swiss-Prot:

O00425

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

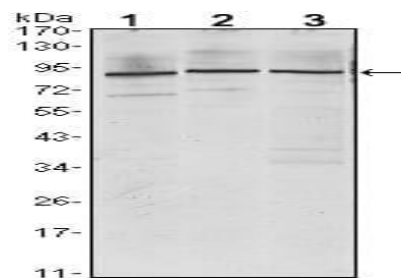
WB:1/500 - 1/2000 IHC:1/200 - 1/1000

Storage&Stability:

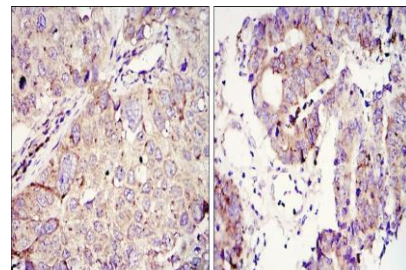
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

Western blot analysis using IGF2BP3 mouse mAb against Jurkat (1), K562 (2) and NTERA-2 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and colon tumour tissues (right) using IGF2BP3 mouse mAb with DAB staining.

Note:

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

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