IGF2BP3 Mouse Monoclonal Antibody

E10-30129

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.

Catalog Number: E10-30129

Amount: 100μg/100μl

Clone Number: 8F11

Species: Mouse IgG1

MW: 69kDa

Aliases: CT98; IMP3; KOC1; IMP-3; VICKZ3; DKFZp686F1078; IGF2BP3

Entrez Gene: 10643

Immunogen: Purified recombinant fragment of human IGF2BP3 expressed in E. Coli.

Storage: Store at 4℃, for long term storage, store at -20℃.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, ELISA: Propose dilution 1/10000.

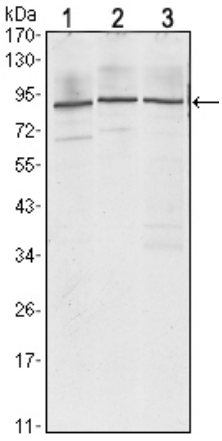

Figure 1: Western blot analysis using IGF2BP3 mouse mAb against Jurkat (1), K562 (2) and NTERA-2 (3) cell lysate.

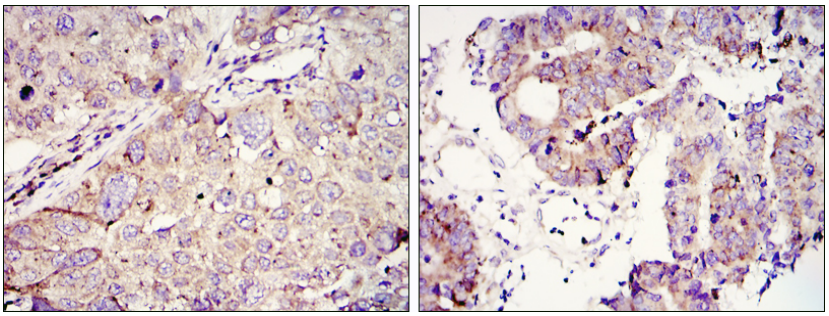

Figure 2: Immunohistochemical analysis of paraffin-embedded lung cancer (left) and colon tumour tissues (right) using IGC2BP3 mouse mAb with DAB staining.

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