

IGF2BP3 mouse monoclonal antibody

Catalog: MB4007

Host: Mouse

Reactivity: Human, Mouse, Rat

Background:

Insulin-like growth factor-II mRNA-binding proteins (IMPs) belong to a family of zipcode-binding proteins. Three members of this family, IMP1, IMP2, and IMP3, have been identified. They contain two RNA recognition motifs, four K homology domains, and were found to function in mRNA localization, turnover, and translation control. Research studies have implicated these proteins in a variety of physiological and pathological processes, such as growth and development, testicular neoplasia, and melanocytic neoplasia.

IMP3 is an oncofetal protein expressed in developing tissues as well as in many tumor types. Expression of IMP3 is a marker for poor prognosis and metastasis in a variety of cancers.

Product:

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

Molecular Weight:

~ 65 kDa

Swiss-Prot:

O00425

Purification&Purity:

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

Applications:

WB 1:500~2000, IHC 1:500

Storage&Stability:

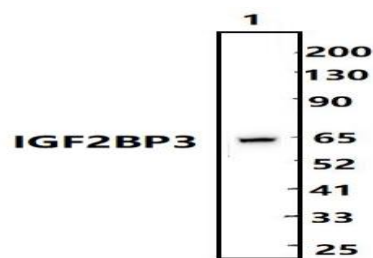
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Isotype:

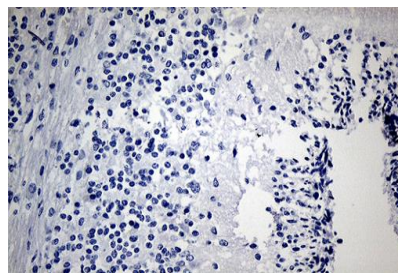
IgG2a

DATA:



Western blot (WB) analysis of IGF2BP3 mouse monoclonal antibody at 1:500 dilution.

Lane1:HepG2 whole cell lysate(30ug)



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum within the normal limits using anti-IGF2BP3 mouse monoclonal antibody. This figure shows negative staining. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120 °C for 3min)

Note:

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

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