BT LAB
Bioassay Technology Laboratory
Optimize Your Research

IMP-3 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0777
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human IMP-3 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Insulin-like growth factor 2 mRNA-binding protein 3
Synonyms	IGF2BP3; IMP3; KOC1; VICKZ3; Insulin-like growth factor 2 mRNA-binding protein 3; IGF2 mRNA-binding protein 3; IMP-3; IGF-II mRNA-binding protein 3; KH domain-containing protein overexpressed in cancer; hKOC; VICKZ family member 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes.

Recommended Dilution

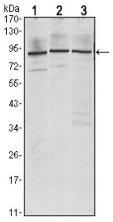
ELISA: 1:10000

IHC: 1:200 - 1:1000

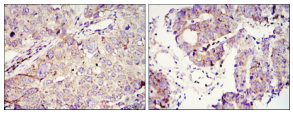
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using IMP-3 Monoclonal antibody against Jurkat (1) K562 (2) and NTERA-2 (3) cell lysate.



Immunohistochemistry analysis of paraffin-embedded lung cancer (left) and colon tumour tissues (right) with DAB staining using IMP-3 Monoclonal antibody.

Storage

-20°C for one year

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