

DATASHEET

IGF2BP3 Mouse Monoclonal Antibody(C3365)

CAT. NO. AMA02977

KEY FEATURES

Target	IGF2BP3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

RNA-binding factor that may recruit target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Preferentially binds to N6-methyladenosine (m6A)-containing mRNAs and increases their stability. This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

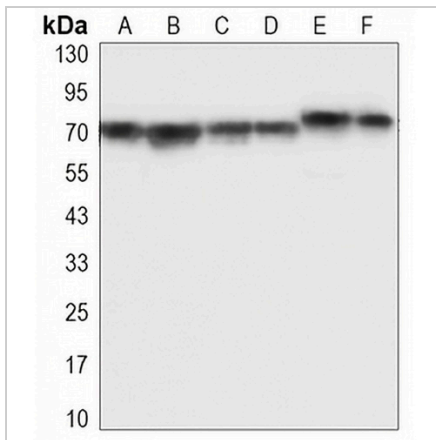
Description	Mouse monoclonal antibody to IGF2BP3
Specificity	Recognizes endogenous levels of IGF2BP3 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human IMP3 protein fragments expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 64 kD; Observed: 70 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	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
Gene Symbol	IGF2BP3
Entrez Gene	10643(Human)
SwissProt	O00425(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of IGF2BP3 expression in MCF7 (A), SKVO3 (B), NTERA2 (C), Jurkat (D), HeLa (E), K562 (F) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 70 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.