DATASHEET

RBM39 Mouse Monoclonal Antibody(ARA483)

CAT. NO. ARA5795

KEY FEATURES

Target	RBM39	**Source / Host**	Mouse
Reactivity	Human, Mouse, Rat	**Clonality**	Monoclonal
Applications	WB,IHC,IF/ICC,ELISA	**Conjugation**	Unconjugated
Isotype	IgG2b	**Storage**	at -20°C

BACKGROUND

RBM39, also named as HCC1 or RNPC2, is a 530 amino acid protein, which contains three RRM (RNA recognition motif) domains and belongs to the splicing factor SR family. RBM39 is widely expressed in various tissues and with highly expression in pancreas, skeletal muscle, lung and brain. RBM39 is a transcriptional coactivator for steroid nuclear receptors ESR1/ER-alpha and ESR2/ER-beta, and JUN/AP-1. RBM39 may be involved in pre-mRNA splicing process.

APPLICATION

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

WB	1:5,000 - 1:50,000
IHC	1:150 - 1:600
IF/ICC	1:200 - 1:800
ELISA	Assay-dependent

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse monoclonal antibody to RBM39 for WB, IHC, IF/ICC and ELISA.
Specificity	Recognizes endogenous levels of RBM39 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant human RBM39 protein (amino acids 328-530) expressed in E. coli with 6*His tag.
Molecular Weight	Predicted: 59 kDa; Observed: 60-66 kDa
Purification	Protein A purification
Isotype	IgG2b
Form/Buffer	Liquid in PBS (pH 7.3) with 0.02% sodium azide and 50% glycerol.
Alternative Names	CAPER, CAPERalpha, CC1.3, fSAP59, HCC1, RNPC2
Gene Symbol	RBM39
Entrez Gene	9584 (Human)
SwissProt	Q14498 (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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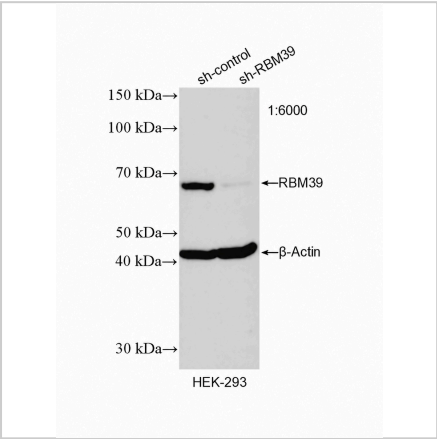
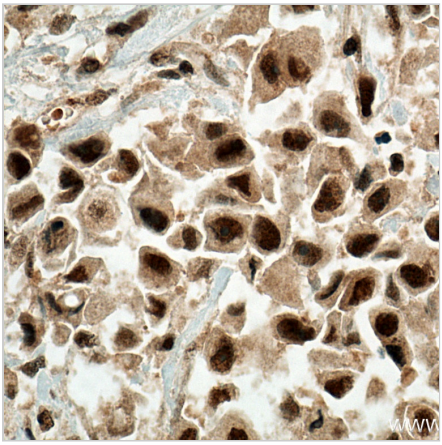
DATA

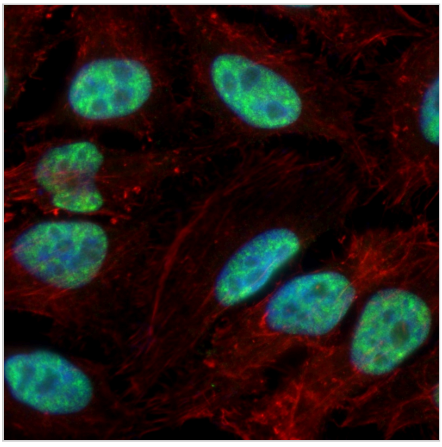


Western blot analysis of sh-Control and sh-RBM39 transfected HEK-293 cells with RBM39 Mouse Monoclonal Antibody(ARA483) at 1:6,000 dilution. The membrane was incubated at room temperature for 1.5 hours.

Predicted band size: 59 kDa
Observed band size: 60-66 kDa



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with RBM39 Mouse Monoclonal Antibody(ARA483) at 1:300 dilution (40x lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells with RBM39 Mouse Monoclonal Antibody(ARA483) at 1:400 dilution and AREX® Fluor 488-conjugated Goat Anti-Mouse IgG (H+L). Actin filaments were stained with phalloidin (red).

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.

More information: www.arexbio.com