

## DATASHEET

# RANBP9 Mouse Monoclonal Antibody(C3978)

CAT. NO. AMA03590

### KEY FEATURES

Target	RANBP9	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

May act as scaffolding protein, and as adapter protein to couple membrane receptors to intracellular signaling pathways (Probable). Acts as a mediator of cell spreading and actin cytoskeleton rearrangement . Acts as a mediator of cell spreading and actin cytoskeleton rearrangement . Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 . May be involved in signaling of ITGB2/LFA-1 and other integrins . Enhances HGF-MET signaling by recruiting Sos and activating the Ras pathway .

### APPLICATION

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

WB	1:1000 - 1:2000
IHC	1:50 - 1:200

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

### PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to RANBP9
Specificity	Recognizes endogenous levels of RANBP9 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human RANBP9. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 77 kD; Observed: 95 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	RANBPM; Ran-binding protein 9; RanBP9; BPM-L; BPM90; Ran-binding protein M; RanBPM; RanBP7
Gene Symbol	RANBP9
Entrez Gene	10048(Human)
SwissProt	Q96S59(Human)

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

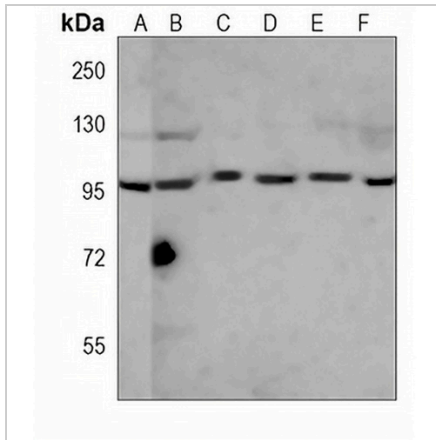
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

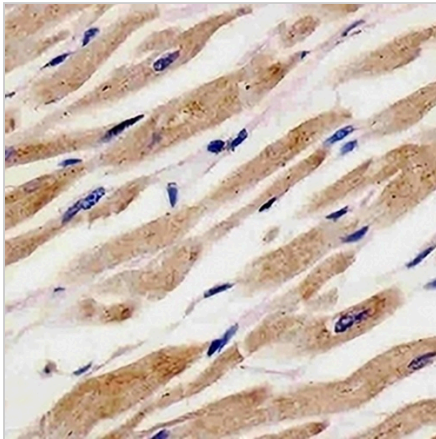
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**DATA**



Western blot analysis of RANBP9 expression in Hela (A), U2OS (B), Jurkat (C), CCRFCEM (D), MDAMB231 (E), MOLT4 (F) whole cell lysates. (Predicted band size: 77 kD; Observed band size: 95 kD)



Immunohistochemical analysis of RANBP9 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**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.