

**Product Name: Hsc70 (4C2) Mouse Monoclonal Antibody**  
**Catalog #: AMM00897**

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## Summary

<b>Production Name</b>	Hsc70 (4C2) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	HSPA8
<b>Alternative Names</b>	Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8)
<b>Gene ID</b>	3312
<b>SwissProt ID</b>	P11142.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 71 kDa; Observed MW: 71 kDa

## Background

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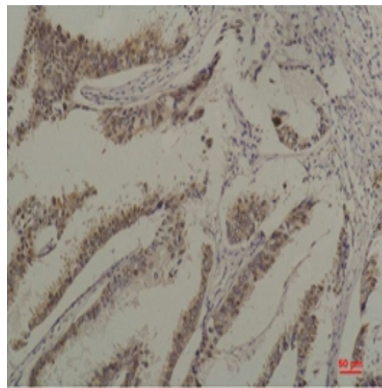
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Acts as a repressor of transcriptional activation. Inhibits the transcriptional coactivator activity of CITED1 on Smad-mediated transcription. Chaperone. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing.

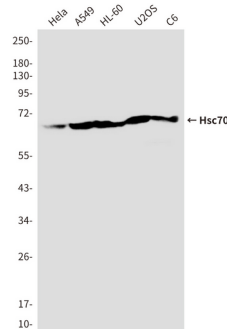
## Research Area

Signal Transduction

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using Hsc70 (4C2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Hsc70 (4C2) in Hela, A549, HL-60, U2OS, C6 lysates using Hsc70 (4C2) antibody

## Note

For research use only.