

For Research Use Only

# HMBS Monoclonal antibody

Catalog Number: 67456-1-Ig



## Basic Information

<b>Catalog Number:</b> 67456-1-Ig	<b>GenBank Accession Number:</b> BC000520	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1600 µg/ml	<b>GeneID (NCBI):</b> 3145	<b>CloneNo.:</b> 1G12H3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P08397	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> hydroxymethylbilane synthase	
<b>Immunogen Catalog Number:</b> AG6594	<b>Calculated MW:</b> 39 kDa	
	<b>Observed MW:</b> 39-42 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** MCF-7 cells, HEK-293 cells, HeLa cells, HepG2 cells, Caco-2 cells

**IHC:** human breast cancer tissue, human liver cancer tissue

## Background Information

### Storage

#### Storage:

Store at -20°C.

#### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

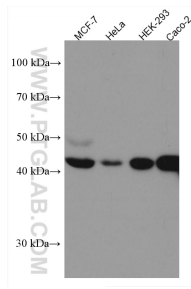
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

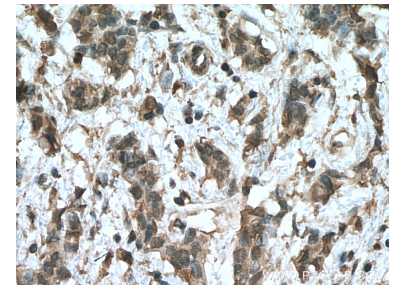
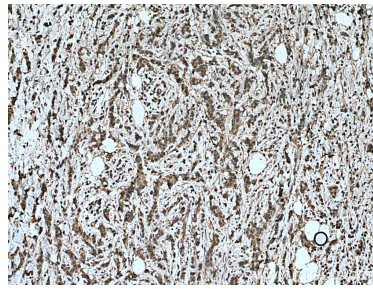
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67456-1-Ig (HMBS antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67456-1-Ig (HMBS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67456-1-Ig (HMBS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).