

For Research Use Only

# c-Met (Cytoplasmic) Recombinant antibody



Catalog Number: 82904-1-RR

## Basic Information

<b>Catalog Number:</b> 82904-1-RR	<b>GenBank Accession Number:</b> BC130420	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 4233	<b>CloneNo.:</b> 2G12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P08581	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> met proto-oncogene (hepatocyte growth factor receptor)	
<b>Immunogen Catalog Number:</b> AG23140	<b>Calculated MW:</b> 1390 aa, 155 kDa	
	<b>Observed MW:</b> 140 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

c-Met (also named MET or HGFR) is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to the HGF ligand. c-Met regulates many physiological processes including proliferation, scattering, morphogenesis, and survival. The primary single-chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide-linked to form the mature receptor. Overexpression and/or mutation of c-Met has been reported in various human malignancies, including lung cancer, breast cancer, head and neck cancer, gastric cancer, colorectal cancer, bladder cancer, uterine cervix carcinoma, esophageal carcinoma, c-Met could serve as an important therapeutic target (PMID: 26036285). The c-met receptor is a 190-kD glycoprotein consisting of a 145-kD membrane-spanning beta chain and a 50-kD alpha chain (PMID: 7806559). In Western blot, this antibody produces bands of unknown identity at 55 and 100 kDa.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**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:

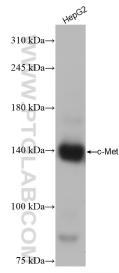
T: 4006900926

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

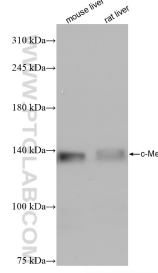
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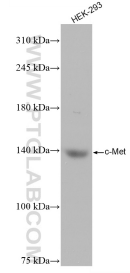
## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 82904-1-RR (c-Met antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 82904-1-RR (c-Met antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 82904-1-RR (c-Met antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.