

For Research Use Only

c-MET Recombinant monoclonal antibody

Catalog Number: 82904-4-RR



Basic Information

Catalog Number: 82904-4-RR	GenBank Accession Number: BC130420	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4233	CloneNo.: 253142B11
Isotype: IgG	UNIPROT ID: P08581	Recommended Dilutions: WB: 1:500-1:2000 IF/ICC: 1:200-1:800
Immunogen Catalog Number: EG0230	Full Name: met proto-oncogene (hepatocyte growth factor receptor)	
	Calculated MW: 1390 aa, 155 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB: A549 cells, HT-29 cells, HeLa cells, HepG2 cells, MDA-MB-231 cells
	IF/ICC: A431 cells,

Background Information

MET 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).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

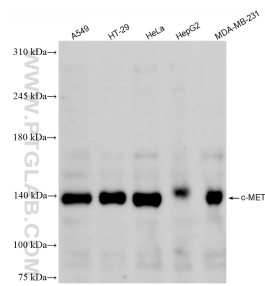
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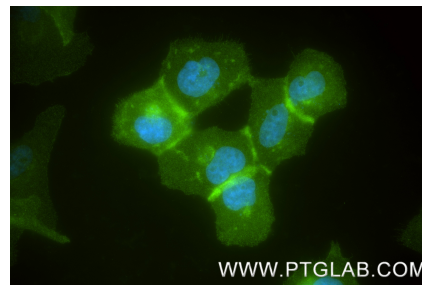
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82904-4-RR (c-MET antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using MET antibody (82904-4-RR, Clone: 253142B11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).