

For Research Use Only

c-MET Recombinant monoclonal antibody, PBS Only

Catalog Number: 82904-4-PBS



Basic Information

Catalog Number: 82904-4-PBS	GenBank Accession Number: BC130420	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4233	CloneNo.: 253142B11
Source: Rabbit	UNIPROT ID: P08581	
Isotype: IgG	Full Name: met proto-oncogene (hepatocyte growth factor receptor)	
Immunogen Catalog Number: EG0230	Calculated MW: 1390 aa, 155 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

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

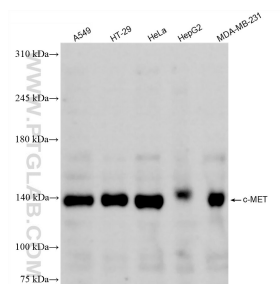
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

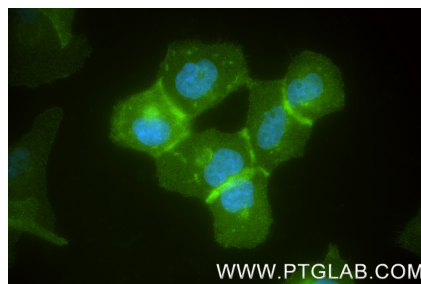
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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. This data was developed using the same antibody clone with 82904-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82904-4-PBS in a different storage buffer formulation.