

For Research Use Only

c-Met (N-terminal) Polyclonal antibody



Catalog Number: 19971-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number: 19971-1-AP	GenBank Accession Number: NM_000245	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 253 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4233	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:200
Source: Rabbit	Full Name: met proto-oncogene (hepatocyte growth factor receptor)	
Isotype: IgG	Calculated MW: 156 kDa	
	Observed MW: 140 kDa, 50 kDa	

Applications

Tested Applications:
FC, IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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: HeLa cells,

IHC: human breast cancer tissue, human colon tissue

Background Information

c-Met (also named as MET or HGFR) is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/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, and esophageal carcinoma, c-Met could serve as an important therapeutic target (PMID: 26036285). This antibody recognizes the N-term of c-Met.

Notable Publications

Author	Pubmed ID	Journal	Application
F Yan	28869603	Oncogene	WB
Wen-Cheng Chung	32805234	Am J Pathol	IHC
Wu Jianmin J	22198213	Carcinogenesis	WB

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

*** 20ul sizes contain 0.1% BSA

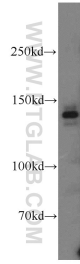
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

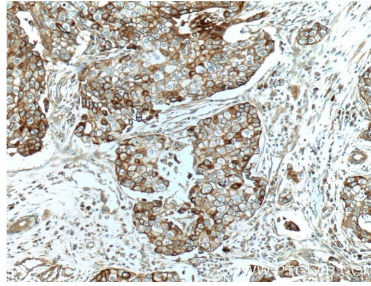
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

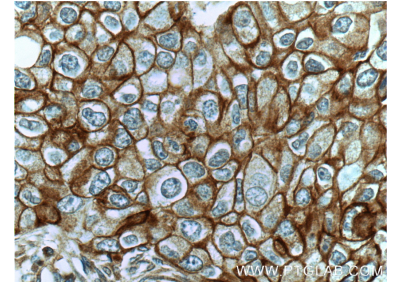
Selected Validation Data



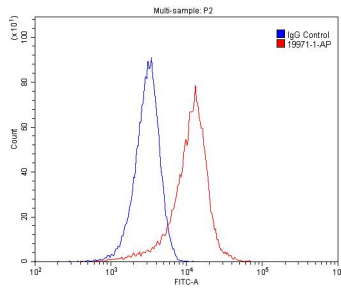
HeLa cells were subjected to SDS PAGE followed by western blot with 19971-1-AP (c-Met (N-terminal) antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 19971-1-AP (c-Met (N-terminal) antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 19971-1-AP (c-Met (N-terminal) antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ HeLa cells were stained with 0.2ug c-Met (N-terminal) antibody (19971-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.