

## c Met Rabbit mAb

Catalog No: #52414

Package Size: #52414-1 50ul #52414-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

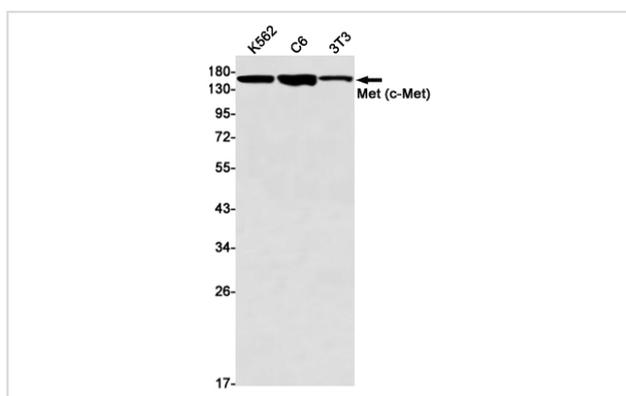
## Description

Product Name	c Met Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-4D6
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Met (c-Met)
Conjugates	Unconjugated
Modification	Unmodification
Other Names	HGFR; AUTS9; RCCP2; c-Met; DFNB97
Accession No.	Swiss-Prot:P08581GenelD:4233
Uniprot	P08581
GenelD	4233
Calculated MW	Calculated MW: 156 kDa; Observed MW: 170 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

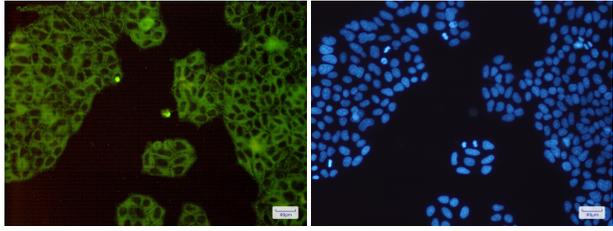
## Application Details

WB: 1/1000-1/2000; IHC: 1/20-1/50; ICC/IF: 1/20-1/100;

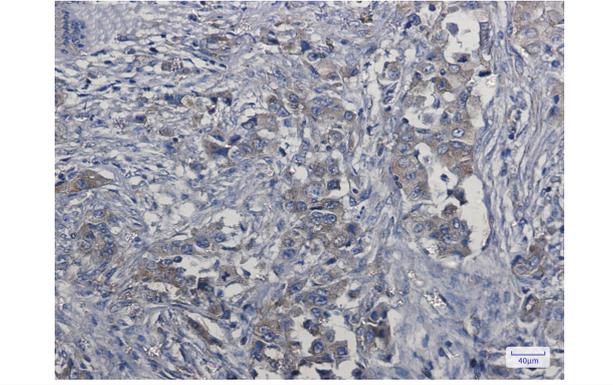
## Images



Western blot detection of Met (c-Met) in K562, C6, 3T3 cell lysates using Met (c-Met) Rabbit mAb(1:1000 diluted). Predicted band size: 156kDa. Observed band size: 170kDa.



Immunofluorescence of Met (c-Met)(green) in Hela cells using Met (c-Met) Rabbit mAb at dilution 1/200, and DAPI(blue)



Immunohistochemistry of Met (c-Met) in paraffin-embedded Human lung cancer tissue using Met (c-Met) Rabbit mAb at dilution 1/5

## Background

Swiss-Prot Acc.P08581.Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/HGF ligand. Regulates many physiological processes including proliferation, scattering, morphogenesis and survival. Ligand binding at the cell surface induces autophosphorylation of MET on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1. Recruitment of these downstream effectors by MET leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. The RAS-ERK activation is associated with the morphogenetic effects while PI3K/AKT coordinates prosurvival effects. During embryonic development, MET signaling plays a role in gastrulation, development and migration of muscles and neuronal precursors, angiogenesis and kidney formation. In adults, participates in wound healing as well as organ regeneration and tissue remodeling. Promotes also differentiation and proliferation of hematopoietic cells. May regulate cortical bone osteogenesis .

Note: This product is for in vitro research use only