Met(C-Met) Rabbit mAb

Catalog No: #48758

Package Size: #48758-1 50ul #48758-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

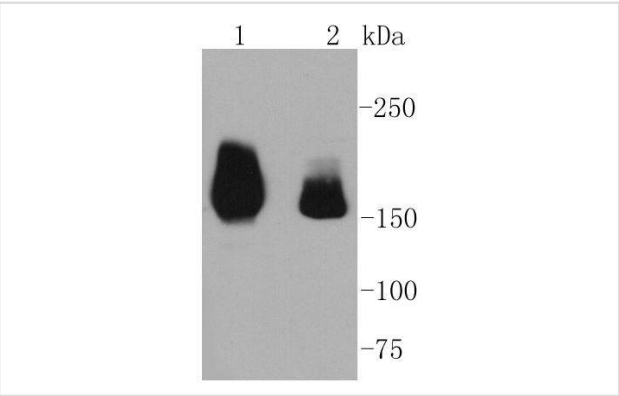
Description

Product Name	Met(C-Met) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SJ19-05
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	AUTS9 antibody c met antibody D249 antibody Hepatocyte growth factor receptor antibody HGF antibody HGF receptor antibody HGF/SF receptor antibody HGFR antibody MET antibody Met proto oncogene tyrosine kinase antibody MET proto oncogene, receptor tyrosine kinase antibody Met proto-oncogene (hepatocyte growth factor receptor) antibody Met proto-oncogene antibody Met protooncogene antibody MET_HUMAN antibody Oncogene MET antibody Par4 antibody Proto-oncogene c-Met antibody RCCP2 antibody Scatter factor receptor antibody SF receptor antibody Tyrosine-protein kinase Met antibody
Accession No.	Swiss-Prot#:P08581
Calculated MW	155 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

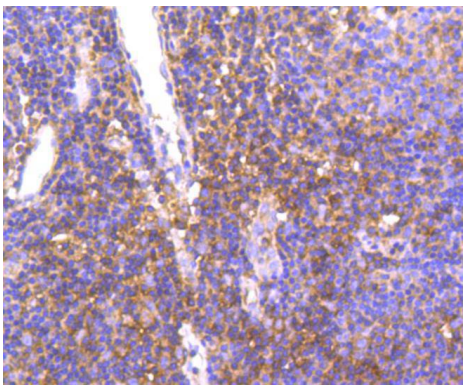
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

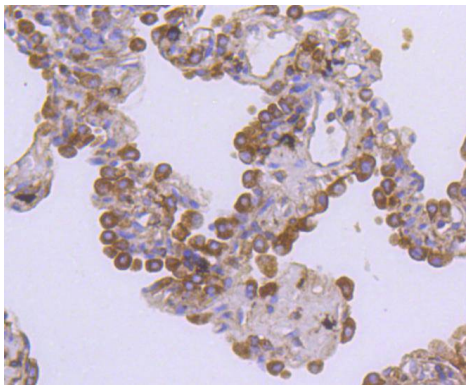
Images



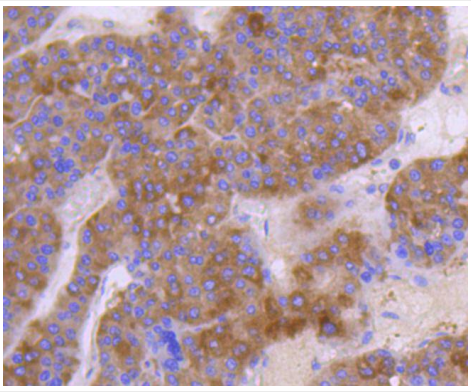
Western blot analysis of Met on different lysates using anti-Met antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: HepG2



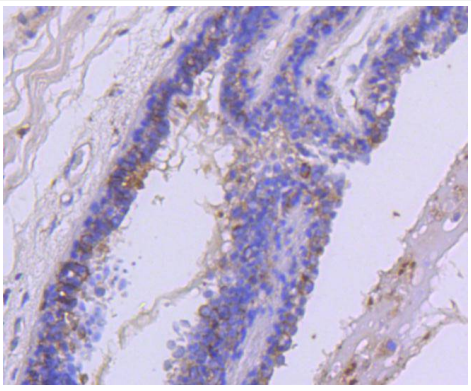
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Met antibody. Counter stained with hematoxylin.



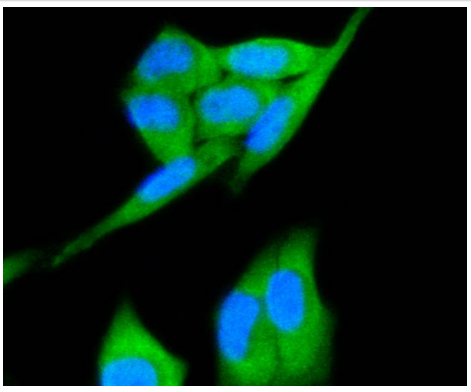
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-Met antibody. Counter stained with hematoxylin.



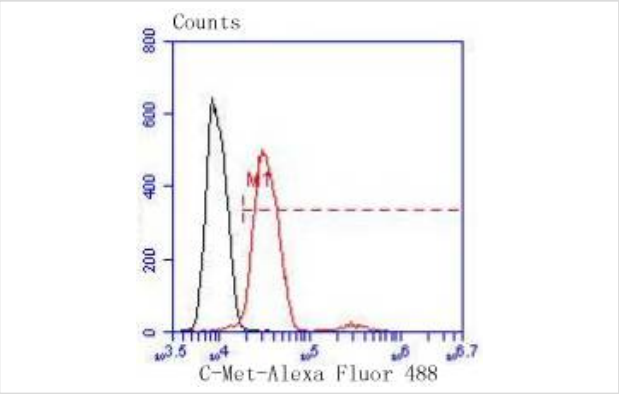
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Met antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Met antibody. Counter stained with hematoxylin.



ICC staining Met in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with Met antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

The c-Met oncogene was originally isolated from a chemical carcinogen-treated human osteogenic sarcoma cell line by transfection analysis in NIH/3T3 cells. The Met proto-oncogene product was identified as a transmembrane receptor-like protein with tyrosine kinase activity that is expressed in many tissues. A high proportion of spontaneous NIH/3T3 transformants overexpress c-Met and by transfection analysis the c-Met proto-oncogene has been shown to exhibit transforming activity. Tyrosine phosphorylation of apparently normal Met protein has also been observed in certain human gastric carcinoma cell lines . The c-Met gene product has been identified as the cell-surface receptor for hepatocyte growth factor, a plasminogen-like protein thought to be a humoral mediator of liver regeneration.

References

1. Jia Y et al. c-MET inhibition enhances the response of the colorectal cancer cells to irradiation in vitro and in vivo. Oncol Lett 11:2879-2885 (2016).
2. Matsumoto Y et al. A phase II study of erlotinib monotherapy in pre-treated non-small cell lung cancer without EGFR gene mutation who have never/light smoking history: re-evaluation of EGFR gene status (NEJ006/TCOG0903). Lung Cancer 86:195-200 (2014).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.