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Datasheet for ABIN7155043  
**anti-c-MET antibody (AA 83-209)**

3 Images

### Overview

Quantity:	100 µg
Target:	c-MET (MET)
Binding Specificity:	AA 83-209
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This c-MET antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human Hepatocyte growth factor receptor protein (83-209AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	c-MET (MET)
Alternative Name:	MET ( <a href="#">MET Products</a> )
Background:	Background: Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/HGF ligand. Regulates many

## Target Details

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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 (By similarity).

Aliases: 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 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

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UniProt: [P08581](#)

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Pathways: [RTK Signaling](#), [Carbohydrate Homeostasis](#), [Synaptic Membrane](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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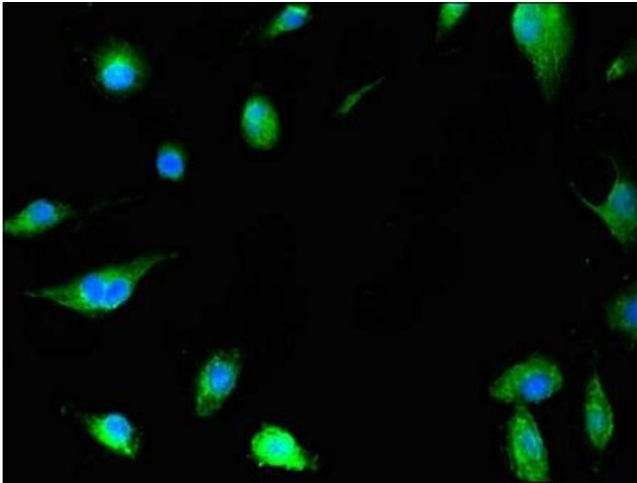
Preservative: ProClin

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## Handling

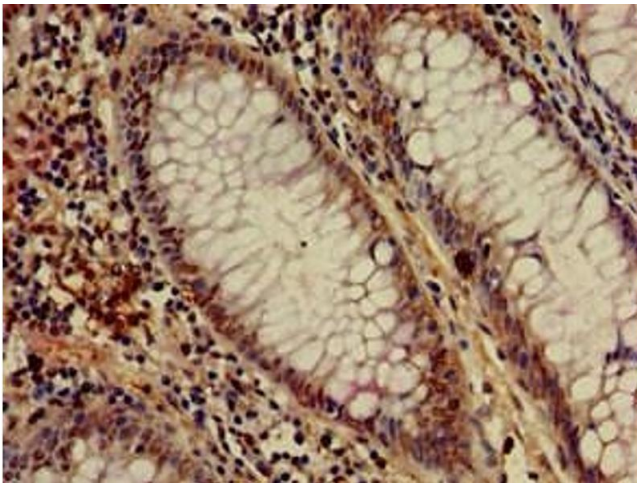
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



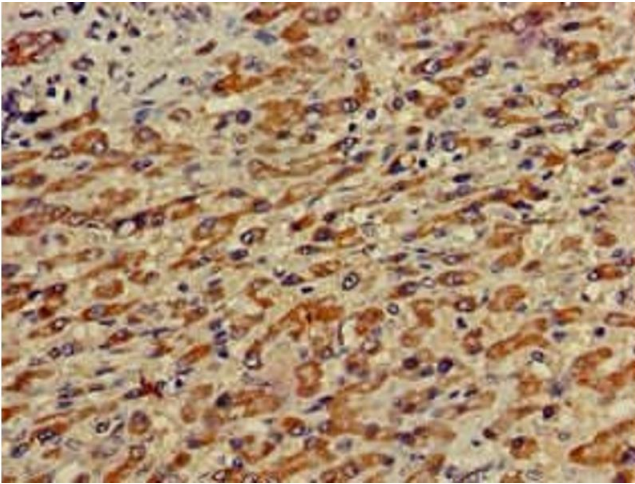
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of U251 cells using ABIN7155043 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7155043 at dilution of 1:100



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7155043 at dilution of 1:100