

MET recombinant antibody

MET Antibody

CATALOG # AAA243938	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

MET; Monoclonal Recombinant Antibody; MET Antibody; Hepatocyte growth factor receptor (HGF receptor) (EC 2.7.10.1) (HGF/SF receptor) (Proto-oncogene c-Met) (Scatter factor receptor) (SF receptor) (Tyrosine-protein kinase Met); MET recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	6E5
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for MET recombinant antibody	IHC (Immunohistochemistry), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human c-Met
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for MET recombinant antibody	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 (By similarity).
Product Categories/Family for MET recombinant antibody	Epigenetics and Nuclear Signaling; Cancer; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	42741655
NCBI GeneID	4233
NCBI Accession #	NP_000236.2
NCBI GenBank Nucleotide #	NM_000245.2
UniProt Accession #	P08581; O60366; Q12875; Q9UDX7; Q9UPL8; A1L467; B5A932; E7EQ94
Molecular Weight	155,541 Da
NCBI Official Full Name	hepatocyte growth factor receptor isoform b
NCBI Official Synonym Full Names	met proto-oncogene (hepatocyte growth factor receptor)
NCBI Official Symbol	MET
NCBI Official Synonym Symbols	HGFR; AUTS9; RCCP2; c-Met
NCBI Protein Information	hepatocyte growth factor receptor; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase
UniProt Protein Name	Hepatocyte growth factor receptor
UniProt Gene Name	MET
UniProt Synonym Gene Names	HGF receptor; SF receptor
UniProt Entry Name	MET_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.