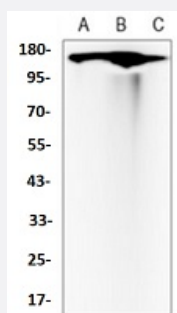


RecomAb™

MET recombinant monoclonal antibody

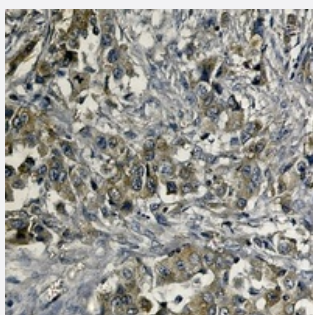
Catalog # RAB02520 Size 100 uL

Applications



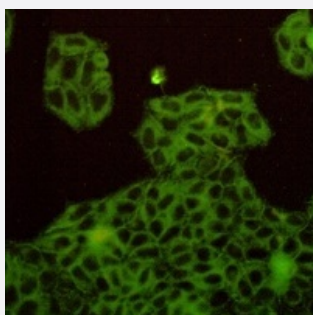
Western Blot (Cell lysate)

Western blot analysis of K562 (A), C6 (B), NIH3T3 (C) whole cell lysates with c-Met recombinant monoclonal antibody (Cat # RAB02520).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human lung cancer formalin fixed paraffin embedded tissue section using c-Met recombinant monoclonal antibody (Cat # RAB02520). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.84). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescence

Immunofluorescent analysis of HeLa cells with c-Met recombinant monoclonal antibody (Cat # RAB02520). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MET.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human Met (c-Met).
Theoretical MW (kDa)	170
Reactivity	Human, Mouse, Rat
Specificity	Recognizes endogenous levels of c-Met protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Immunocytochemistry

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Gene Info — MET

Entrez GeneID [4233](#)

Protein Accession# [P08581](#)

Gene Name MET

Gene Alias AUTS9, HGFR, RCCP2, c-Met

Gene Description met proto-oncogene (hepatocyte growth factor receptor)

Omim ID [114550](#) [164860](#) [605074](#) [611015](#)

Gene Ontology [Hyperlink](#)

Gene Summary The proto-oncogene MET product is the hepatocyte growth factor receptor and encodes tyrosine-kinase activity. 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. Various mutations in the MET gene are associated with papillary renal carcinoma. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations HGF receptor|OTTHUMP00000069168|SF receptor|met proto-oncogene|met proto-oncogene tyrosine kinase|oncogene MET|scatter factor receptor

Pathway

- [Adherens junction](#)

- [Axon guidance](#)
- [Colorectal cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Focal adhesion](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Adenocarcinoma](#)
- [Autistic Disorder](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Child Development Disorders](#)
- [Chronic Disease](#)
- [Cognition Disorders](#)
- [Disease Progression](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hyperparathyroidism](#)
- [Lung Neoplasms](#)
- [Myopia](#)
- [Nasal Polyps](#)

- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Refractive Errors](#)
- [Rhinitis](#)
- [Schizophrenia](#)
- [Sinusitis](#)
- [Skin Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)