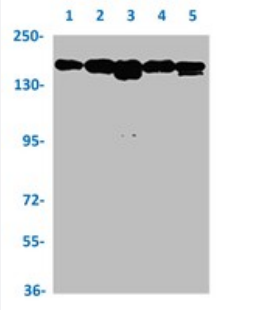
RecomAb™

MET recombinant monoclonal antibody, clone 2D12

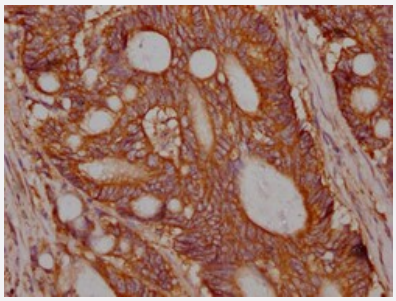
Catalog # RAB04393 Size 100 uL

Applications



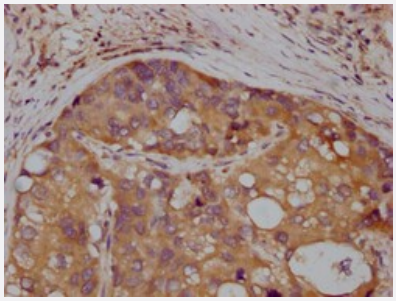
Western Blot

Western blot analysis of Lane 1: 293T whole cell lysate, Lane 2: Hela whole cell lysate, Lane 3: L02 whole cell lysate, Lane 4: PC3 whole cell lysate and Lane 5: A549 whole cell lysate with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393).



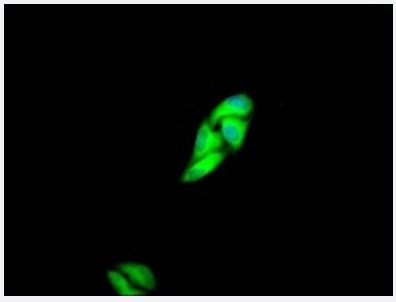
Immunohistochemistry

Immunohistochemical staining of human colon cancer with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:100).



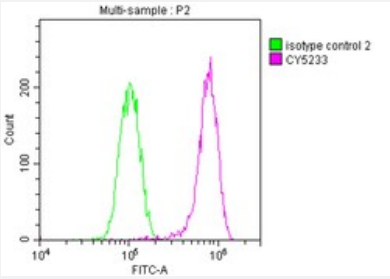
Immunohistochemistry

Immunohistochemical staining of human liver cancer with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:100).



Immunofluorescence

Immunofluorescent staining of Hela cells with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:50). The secondary antibody was Alexa Fluor 488-congugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).



Flow Cytometry

Flow cytometric analysis of HeLa cells with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:50; purple line) and negative control (green line).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MET.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MET.
Theoretical MW (kDa)	Calculated MW: 156,
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry (1:20-1:200) Immunofluorescence (1:20-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: 293T whole cell lysate, Lane 2: Hela whole cell lysate, Lane 3: L02 whole cell lysate, Lane 4: PC3 whole cell lysate and Lane 5: A549 whole cell lysate with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393).

- Immunohistochemistry

  Immunohistochemical staining of human colon cancer with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:100).

- Immunohistochemistry

  Immunohistochemical staining of human liver cancer with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:100).

- Immunofluorescence

  Immunofluorescent staining of Hela cells with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:50). The secondary antibody was Alexa Fluor 488-congugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

  Flow cytometric analysis of HeLa cells with MET recombinant monoclonal antibody, clone 2D12 (Cat # RAB04393) (diluated at 1:50; purple line) and negative control (green line).

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 produc e the alpha and beta subunits, which are disulfide linked to form the mature receptor. Various mut ations in the MET gene are associated with papillary renal carcinoma. Two transcript variants enc oding 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