

## c Met Monoclonal Antibody | anti-cMet antibody

c Met Rabbit mAb

| CATALOG # | HOST               | REACTIVITY        | APPLICATIONS                                                                |
|-----------|--------------------|-------------------|-----------------------------------------------------------------------------|
| AAA314407 | Recombinant Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

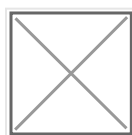
### PRODUCT SYNONYMS

c Met; Monoclonal Antibody; c Met Rabbit mAb; HGFR; AUTS9; RCCP2; c-Met; DFNB97; anti-cMet antibody

### PRODUCT SPECIFICATIONS

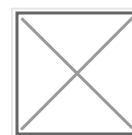
|                                                |                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Host                                           | Recombinant Rabbit                                                                                     |
| Reactivity                                     | Human, Mouse, Rat                                                                                      |
| Clonality                                      | Monoclonal                                                                                             |
| Isotype                                        | Rabbit IgG                                                                                             |
| Clone Number                                   | S02-4D6                                                                                                |
| Purity/Purification                            | Affinity Purified                                                                                      |
| Form/Format                                    | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                  |
| Concentration                                  | 0.3mg/ml (varies by lot)                                                                               |
| Applicable Applications for anti-cMet antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)      |
| Immunogen                                      | A synthetic peptide of human Met (c-Met)                                                               |
| Conjugation                                    | Unconjugated                                                                                           |
| Modification                                   | Unmodification                                                                                         |
| Preparation and Storage                        | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |

### IMAGES



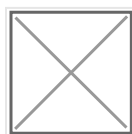
#### IHC (Immunohistochemistry)

Immunohistochemistry of Met (c-Met) in paraffin-embedded Human lung cancer tissue using Met (c-Met) Rabbit mAb at dilution 1/5



#### IF (Immunofluorescence)

Immunofluorescence of Met (c-Met)(green) in Hela cells using Met (c-Met) Rabbit mAb at dilution 1/200, and DAPI(blue



#### WB (Western Blot)

Western blot detection of Met (c-Met) in K562,C6,3T3 cell lysates using Met (c-Met) Rabbit mAb(1:1000 diluted).Predicted band size:156kDa.Observed band size:170kDa.

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-cMet 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. |
| Product Categories/Family for anti-cMet antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## 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                | <b>MET</b>                                                                                                                                                                                    |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/c-met-antibody-clone-s02-4d6-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314407>