c-MET Monoclonal Antibody

catalog number: **AN200184P**

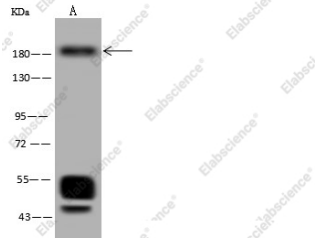
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human c-MET Protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A1036
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:500-1:2000

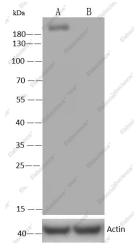
Data



Western Blot with HGFR Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Hela Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:200 kDa

Calculated-MW:156 kDa



Western Blot with c-MET Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Hela Whole Cell Lysate, Lane B: c-MET konckout Hela Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:200 kDa

Calculated-MW:156 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers.

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