

Anti-c-Met Antibody (11661)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 155 kDa. Actual: 185 kDa.
Clone:	11661
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 25 µg total protein per lane of various lysates (see on figure) probed with c Met monoclonal antibody, unconjugated (TMAB-04480) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.). Primary Antibody (green): Rabbit Anti-c-Met antibody (TMAB-04480, 1:100); Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488: 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	WB,FCM
Recommended	WB: 1:500-1000; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human c Met
Antigen Species:	Human
Gene ID:	4233
Uniprot ID:	P08581

Research 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. [provided by RefSeq, May 2016]

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