Product datasheet

Anti-c-Met/MET Antibody

Catalog Number: *BM4116*

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Basic Information

Product Name	Anti-c-Met/MET Antibody
Gene Name	MET
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IHC, ICC/IF, FCM
Contents	500 ug/ml;Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen	A synthesized peptide derived from human Met (c-Met)
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	155KD
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC):1:20-100

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

c-Met, also called MET and hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. It is mapped to 7q31.2. The protein possesses tyrosine kinase activity. MET is a membrane receptor that is essential for embryonic development and wound healing. It induces several biological responses that collectively give rise to a program known as invasive growth. MET is deregulated in many types of human malignancies, including cancers of kidney, liver, stomach, breast, and brain. Normally, only stem cells and progenitor cells express MET, which allows these cells to grow invasively in order to generate new tissues in an embryo or regenerate damaged tissues in an adult. However, cancer stem cells are thought to hijack the ability of normal stem cells to express MET, and thus become the cause of cancer persistence and spread to other sites in the body.

Selected Validation Data

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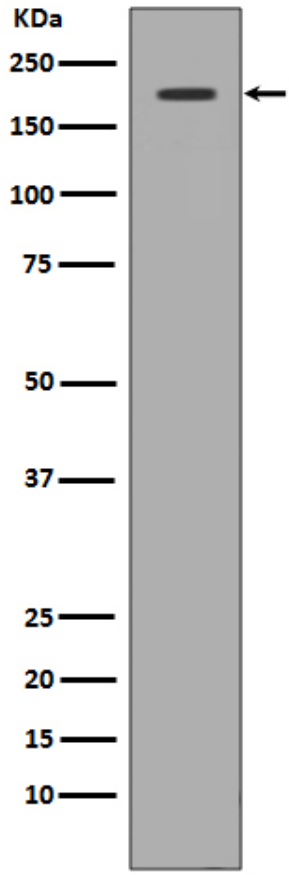

Western blot analysis of c-Met expression in 293 cell lysate.