

### Anti-Met (c-Met) antibody ab74217

[12 References](#) [1 Image](#)

#### Overview

Product name	Anti-Met (c-Met) antibody
Description	Rabbit polyclonal to Met (c-Met)
Host species	Rabbit
Tested applications	<b>Suitable for:</b> IHC-P
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide within Human Met (c-Met) aa 1350 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: <a href="#">P08581</a>
Positive control	IHC-P: Human ovarian carcinoma tissue.
General notes	<p><b>This product is FOR RESEARCH USE ONLY. For commercial use, please contact <a href="mailto:partnerships@abcam.com">partnerships@abcam.com</a>.</b></p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab74217 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## Target

### Function

Receptor for hepatocyte growth factor and scatter factor. Has a tyrosine-protein kinase activity. Functions in cell proliferation, scattering, morphogenesis and survival.

### Involvement in disease

Note=Activation of MET after rearrangement with the TPR gene produces an oncogenic protein.

Note=Defects in MET may be associated with gastric cancer.

Defects in MET are a cause of hepatocellular carcinoma (HCC) [MIM:114550].

Defects in MET are a cause of renal cell carcinoma papillary (RCCP) [MIM:605074]. It is a subtype of renal cell carcinoma tending to show a tubulo-papillary architecture formed by numerous, irregular, finger-like projections of connective tissue. Renal cell carcinoma is a heterogeneous group of sporadic or hereditary carcinoma derived from cells of the proximal renal tubular epithelium. It is subclassified into common renal cell carcinoma (clear cell, non-papillary carcinoma), papillary renal cell carcinoma, chromophobe renal cell carcinoma, collecting duct carcinoma with medullary carcinoma of the kidney, and unclassified renal cell carcinoma.

Note=A common allele in the promoter region of the MET shows genetic association with susceptibility to autism in some families. Functional assays indicate a decrease in MET promoter activity and altered binding of specific transcription factor complexes.

Note=MET activating mutations may be involved in the development of a highly malignant, metastatic syndrome known as cancer of unknown primary origin (CUP) or primary occult malignancy. Systemic neoplastic spread is generally a late event in cancer progression. However, in some instances, distant dissemination arises at a very early stage, so that metastases reach clinical relevance before primary lesions. Sometimes, the primary lesions cannot be identified in spite of the progresses in the diagnosis of malignancies.

### Sequence similarities

Belongs to the protein kinase superfamily. Tyr protein kinase family.

Contains 3 IPT/TIG domains.

Contains 1 protein kinase domain.

Contains 1 Sema domain.

### Domain

The kinase domain is involved in SPSB1 binding.

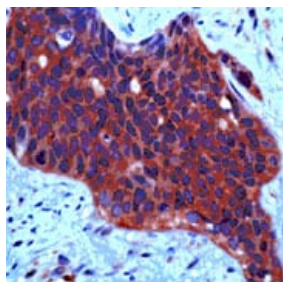
### Post-translational modifications

Dephosphorylated by PTPRJ at Tyr-1349 and Tyr-1365.

### Cellular localization

Membrane.

## Images



ab74217 at 1/50 dilution staining Met (c-Met) in human ovarian carcinoma by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Met (c-Met) antibody (ab74217)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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