

## Product datasheet

# Anti-Met (c-Met) antibody - C-terminal, prediluted ab27492

1 Image

### Overview

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<b>Product name</b>	Anti-Met (c-Met) antibody - C-terminal, prediluted
<b>Description</b>	Rabbit polyclonal to Met (c-Met) - C-terminal, prediluted
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	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>
<b>Positive control</b>	IHC-P: Human ovarian carcinoma tissue.
<b>General notes</b>	For manual IHC only.

### Properties

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<b>Form</b>	Prediluted
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.6 Preservative: 0.099% Sodium azide Constituents: 1% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

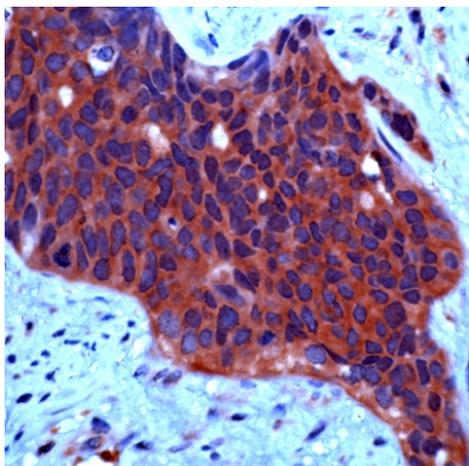
### Applications

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Our [Abpromise guarantee](#) covers the use of **ab27492** 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		<p>1/1.</p> <p>Ready to use.</p> <p>Boil tissue section in Citrate buffer, pH 6.0 for 10 min followed by cooling at room temperature for 20 min.</p> <p>Primary antibody incubation for 10 minutes at room temperature.</p>
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<b>Target</b>		
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<b>Function</b>		<p>Receptor for hepatocyte growth factor and scatter factor. Has a tyrosine-protein kinase activity. Functions in cell proliferation, scattering, morphogenesis and survival.</p>
<b>Involvement in disease</b>		<p>Note=Activation of MET after rearrangement with the TPR gene produces an oncogenic protein.</p> <p>Note=Defects in MET may be associated with gastric cancer.</p> <p>Defects in MET are a cause of hepatocellular carcinoma (HCC) [MIM:114550].</p> <p>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.</p> <p>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.</p> <p>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.</p>
<b>Sequence similarities</b>		<p>Belongs to the protein kinase superfamily. Tyr protein kinase family.</p> <p>Contains 3 IPT/TIG domains.</p> <p>Contains 1 protein kinase domain.</p> <p>Contains 1 Sema domain.</p>
<b>Domain</b>		<p>The kinase domain is involved in SPSB1 binding.</p>
<b>Post-translational modifications</b>		<p>Dephosphorylated by PTPRJ at Tyr-1349 and Tyr-1365.</p>
<b>Cellular localization</b>		<p>Membrane.</p>
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<b>Images</b>		
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Formalin-fixed, paraffin-embedded human ovarian carcinoma tissue stained for Met (c-Met) using ab27492 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Met (c-Met) antibody - C-terminal, prediluted (ab27492)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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