

## c-Met (Phospho-Tyr1003) Conjugated Antibody

Catalog No: #C11971



Package Size: #C11971-AF350 100ul #C11971-AF405 100ul #C11971-AF488 100ul  
 #C11971-AF555 100ul #C11971-AF594 100ul #C11971-AF647 100ul  
 #C11971-AF680 100ul #C11971-AF750 100ul #C11971-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | c-Met (Phospho-Tyr1003) Conjugated Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu Ms Rt   |
| Specificity           | The antibody detects endogenous level of c-Met only when phosphorylated at tyrosine 1003.  |
| Immunogen Description | Peptide sequence around phosphorylation site of tyrosine 1003 (V-D-Y(p)-R-A) derived from Human c-Met.   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | HGF receptor;HGF-SF receptor;Hepatocyte growth factor receptor precursor;Hepatocyte growth factor receptor precursor;Met proto- oncogene tyros                               |
| Accession No.         | Swiss-Prot#:P08581NCBI Gene ID:4233NCBI mRNA#:NM_000245.2NCBI Protein#: NP_000236.2  |
| Uniprot               | P08581   |
| GeneID                | 4233;  |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 155  |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide  |
| Storage               | Store at 4°C in dark for 6 months  |

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/HGF ligand. Regulates many physiological processes including proliferation, scattering, morphogenesis and survival. Ligand binding at the cell surface induces autophosphorylation of MET on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1.

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Note: This product is for in vitro research use only