

## Anti-Phospho-Met (Tyr1234, 1235) Antibody (9K79)

### Product Details

Ig Type:	Rabbit IgG Human;
Reactivity:	Predicted to React with:Species predicted to react based on 100% sequence homology: Mouse, Rat, Cynomolgus, Rabbit
Conjugation:	Unconjugated
Clone:	9K79
Purification:	Protein A

### Applications

Verified Activity:	1. Western blot analysis of extracts from serum-starved A549, untreated (line A); treated with HGF (50 ng/mL, 5min; +) (line B); treated with HGF and $\lambda$ -phosphatase (line C) using Phospho-Met(Tyr1234, 1235) rabbit monoclonal Antibody at 1:1000 dilution. (Validation Experiment) 2. Western blot analysis of extracts from A549, untreated (line A) or treated with HGF (50 ng/mL, 5min; +) (line B), using Phospho-Met (Tyr1234, 1235) rabbit monoclonal Antibody at 1:1000 dilution (upper) or Anti-Actin Antibody, Rabbit Monoclonal at 1:50000 dilution (lower).
Application:	WB
Recommended	WB: 1:1000-1:5000

### 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. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide corresponding to residues around (Tyr1234, 1235) of Human Phospho-Met
Antigen Species:	Human
Synonyms:	Met (p-Tyr1234, 1235);c-Met;AUTS9;Met (p-Y1234, 1235);HGFR;DFNB97;DA11;p-Met (Y1234, 1235);p-Met (Tyr1234, 1235);RCCP2;Phospho-Met (Y1234, 1235)
Biology Area:	Cancer Drug Targets, Receptor Tyrosine Kinases (RTKs)

### Research Background

Hepatocyte growth factor receptor (HGFR), also known as c-Met or mesenchymal-epithelial transition factor (MET), is a receptor tyrosine kinase (RTK) that is overexpressed and/or mutated in a variety of malignancies. HGFR protein is produced as a single-chain precursor, and HGF is the only known ligand. Normal HGF/HGFR signaling is essential for embryonic development, tissue repair, or wound healing, whereas aberrantly active HGFR has been strongly implicated in tumorigenesis, particularly in the development of invasive and metastatic phenotypes. HGFR protein is a multifaceted regulator of growth, motility, and invasion, and is normally expressed by cells of epithelial origin. Preclinical studies suggest that targeting aberrant HGFR signaling could be an attractive therapy in cancer. Cancer Immunotherapy/Immune Checkpoint/Immunotherapy/Targeted Therapy

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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