Recombinant Phospho-Met (Tyr1234, 1235) Monoclonal Antibody

catalog number: AN300372L

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

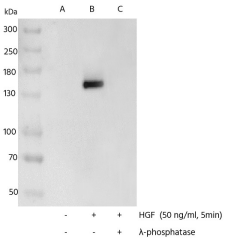
Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to residues around
Host	Rabbit
Isotype	IgG
Clone	B294
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

Applications — Recommended Dilution

WB	1:1000-1:5000

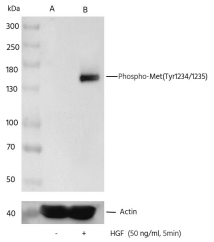
Data



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 λ-phosphatase (line C) using Phospho-Met(Tyr1234, 1235) rabbit monoclonal Antibody at 1:1000 dilution.

Observed-MW:155 kDa

Calculated-MW:155 kDa



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).

Observed-MW:155 kDa

Calculated-MW:155 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers.

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