

Anti-Phospho-Met (Y1234/Y1235) Antibody [PSH06-90] - BSA and Azide free

HA751114



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	WB
Molecular Wt:	Predicted band size: 156 kDa
Clone number:	PSH06-90

Description: Hepatocyte growth factor receptor (HGF receptor) is a protein that in humans is encoded by the MET gene. The protein possesses tyrosine kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. HGF receptor is a single pass tyrosine kinase receptor essential for embryonic development, organogenesis and wound healing. Hepatocyte growth factor/Scatter Factor (HGF/SF) and its splicing isoform (NK1, NK2) are the only known ligands of the HGF receptor. MET is normally expressed by cells of epithelial origin, while expression of HGF/SF is restricted to cells of mesenchymal origin. When HGF/SF binds its cognate receptor MET it induces its dimerization through a not yet completely understood mechanism leading to its activation.

Immunogen: Synthetic phospho-peptide corresponding to residues surrounding Tyr1234/Tyr1235 of human Met aa 1,201-1,250.

Positive control: HeLa cell lysate, HeLa starved for 16 hours then treated with 20ng/mL HGF for 10 minutes cell lysate.

Subcellular location: Membrane; Secreted.

Database links: SwissProt: P08581 Human

Recommended Dilutions:

WB 1:1,000

Storage Buffer: PBS (pH7.4).

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

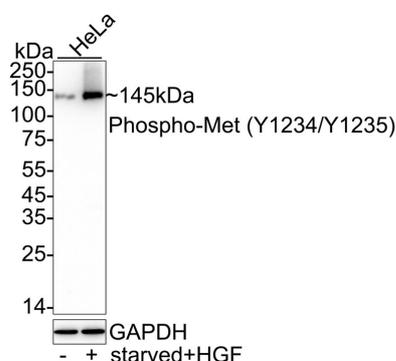


Fig1: Western blot analysis of Phospho-Met (Y1234/Y1235) on different lysates with Rabbit anti-Phospho-Met (Y1234/Y1235) antibody (HA751114) at 1/1,000 dilution.

Lane 1: HeLa cell lysate

Lane 2: HeLa starved for 16 hours then treated with 20ng/mL HGF for 10 minutes cell lysate

Lysates/proteins at 20 µg/Lane.

Predicted band size: 156 kDa

Observed band size: 145 kDa

Exposure time: 59 seconds; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA751114) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Remon J et al. MET alterations in NSCLC-Current Perspectives and Future Challenges. J Thorac Oncol. 2023 Apr
2. Sakamoto M et al. MET alterations in advanced non-small cell lung cancer. Lung Cancer. 2023 Apr

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