bs-3271R **[Primary Antibody]**

phospho-MET (Tyr1003) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4233 **SWISS:** P08581

Target: MET (Tyr1003)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human MET around the phosphorylation site of Tyr1003: VD(p-Y)RA.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, May 2016]

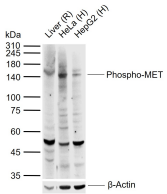
Applications: **WB** (1:500-2000)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Sheep, Cow, Dog, GuineaPig, Horse)

Predicted MW.: 33/123/156 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Rat Liver tissue lysates Lane 2: Human HeLa cell lysates Lane 3: Human HepG2 cell lysates Primary: Anti-Phospho-MET (Tyr1003) (bs-3271R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33/123/156 kDa Observed band size: 140 kDa

SELECTED CITATIONS

- **[IF=2.7]** Durkut-Kuzu Begum. et al. GDNF enhances HGF-induced tubulogenesis and organization of Sertoli cell. J ASSIST REPROD GEN. 2025 May;:1-16 WB ;Mouse. 40402398