bs-1733R

phospho Met/C-Met(Tyr1365) Antibody

--- DATASHEET ---

**Host:** Rabbit  
**Target Protein:** c-Met Tyr1365  

<table>
<thead>
<tr>
<th>Immunogen</th>
<th>Range</th>
<th>Modification</th>
<th>Site</th>
<th>Clonality</th>
<th>Isotype</th>
<th>Entrez Gene</th>
<th>Swiss Prot</th>
</tr>
</thead>
<tbody>
<tr>
<td>1345-1385/1390</td>
<td></td>
<td>Tyr1365</td>
<td></td>
<td>Polyclonal</td>
<td>IgG</td>
<td>4233</td>
<td>P08581</td>
</tr>
</tbody>
</table>

**Source:** KLH conjugated synthetic phosphopeptide derived from human C-Met around the phosphorylation site of Tyr1365

**Purification:** Purified by Protein A.

**Storage:** Aqueous buffered solution containing 100μg/ml BSA, 50% glycerol and 0.09% sodium azide. Store at -20°C for 12 months.

**Background:** 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. Recruitment of these downstream effectors by MET leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. The RAS-ERK activation is associated with the morphogenetic effects while PI3K/AKT coordinates prosurvival effects. During embryonic development, MET signaling plays a role in gastrulation, development and migration of muscles and neuronal precursors, angiogenesis and kidney formation. In adults, participates in wound healing as well as organ regeneration and tissue remodeling. Promotes also differentiation and proliferation of hematopoietic cells. Acts as a receptor for Listeria internalin inIB, mediating entry of the pathogen into cells.

--- PRODUCT SPECIFIC PUBLICATIONS ---


For research use only. Not intended for diagnostic or therapeutic use.
Antigen: bs-1733P, 0.2ug/100ul

Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000;

Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1:5000; TMB staining; Read the data in MicroplateReader by 450

![Graph showing the OD450nm vs Titer for bs-1733R]