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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HGF & MET Protein Protein Interaction Antibody Pair

Catalog # : DI0046

規格 : [1 Set]

List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the HGF protein, and the other against the MET protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

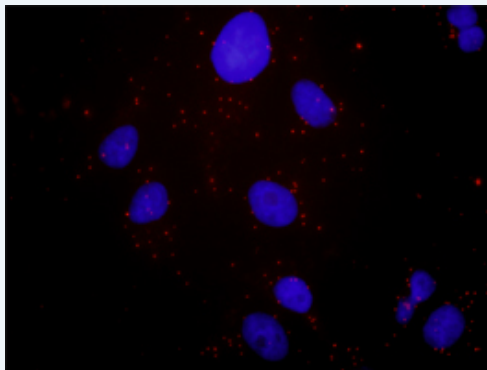


Application Image

In situ Proximity Ligation Assay (Cell)

Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between HGF and MET. Mahlavu cells were stained with anti-HGF rabbit purified polyclonal antibody 1:1200 and anti-MET mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex. The images were analyzed using an optimized freeware ([BlobFinder](#)) download from The Centre for Image Analysis at Uppsala University.

Supplied Product: Antibody pair set content:
 1. HGF rabbit purified polyclonal antibody (20 ug)
 2. MET mouse purified polyclonal antibody (40 ug)
 *Reagents are sufficient for at least 30-50 assays using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -

20°C storage immediately after use.

MSDS:  [Download](#)

Publication Reference

1. [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)
Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY. Mol Cell Proteomics. 2013 Feb 8. [Epub ahead of print]

Applications

In situ Proximity Ligation Assay (Cell)

[HGF](#) [MET](#)

Gene Information

Entrez GeneID: [3082](#)

Gene Name: HGF

Gene Alias: F-TCF,HGFB,HPTA,SF

Gene Description: hepatocyte growth factor (hepapoietin A; scatter factor)

Omim ID: [142409](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Hepatocyte growth factor regulates cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. Hepatocyte growth factor is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell motility, and matrix invasion gives it a central role in angiogenesis, tumorigenesis, and tissue regeneration. It is secreted as a single inactive polypeptide and is cleaved by serine proteases into a 69-kDa alpha-chain and 34-kDa beta-chain. A disulfide bond between the alpha and beta chains produces the active, heterodimeric molecule. The protein belongs to the plasminogen subfamily of S1 peptidases but has no detectable protease activity. Alternative splicing of this gene produces multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations: fibroblast-derived tumor cytotoxic factor,hepatocyte growth factor,hepatopoietin A,lung fibroblast-derived mitogen,scatter factor

Gene Information

Entrez GeneID: [4233](#)

Gene Name: MET

Gene Alias: AUTS9,HGFR,RCCP2,c-Met

Gene Description: met proto-oncogene (hepatocyte growth factor receptor)

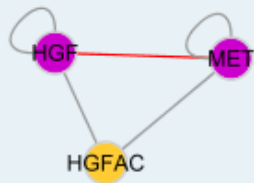
Omim ID: [114550](#), [164860](#), [605074](#), [611015](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The proto-oncogene MET product is the hepatocyte growth factor receptor and encodes 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. Various mutations in the MET gene are associated with papillary renal carcinoma. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: HGF receptor, OTTHUMP00000069168, SF receptor, met proto-oncogene, met proto-oncogene tyrosine kinase, oncogene MET, scatter factor receptor

Interactome 1



Interactome 2

