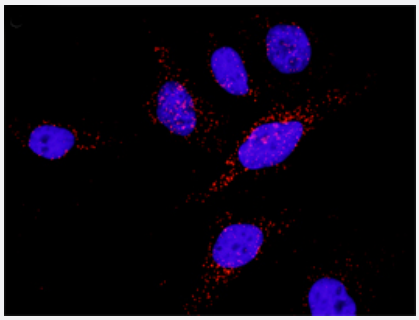
MET(phospho Y1349) & MET Protein Phosphorylation Antibody Pair

Catalog # DP0083 Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse purified polyclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.

Specification

Product Description	This protein phosphorylation antibody pair set comes with two antibodies, one against the MET protein, and the other against the specific Y1349 phosphorylated site of MET for use in *in situ* Proximity Ligation Assay. See Publication Reference below.
Reactivity	Human
Quality Control Testing	Dual recognition immunofluorescence result. Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse purified polyclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.
Supplied Products	Antibody pair set content: 1. Phospho-MET Y1349 rabbit polyclonal antibody (20 ul) With 0.09% sodium azide. 2. MET mouse purified polyclonal antibody (40 ug) In 1x PBS, pH 7.2 *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.

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Applications

- *In situ* Proximity Ligation Assay (Cell)

Gene Info — MET

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

Pathway

- Adherens junction
- Axon guidance
- Colorectal cancer
- Cytokine-cytokine receptor interaction
- Endocytosis
- Epithelial cell signaling in Helicobacter pylori infection
- Focal adhesion
- Melanoma
- Pathways in cancer

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- Renal cell carcinoma

Disease

- Adenocarcinoma
- Autistic Disorder
- Carcinoma
- Cell Transformation
- Child Development Disorders
- Chronic Disease
- Cognition Disorders
- Disease Progression
- Gastrointestinal Diseases
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hyperparathyroidism
- Lung Neoplasms
- Myopia
- Nasal Polyps
- Neoplasm Metastasis
- Neoplasms
- Neuropsychological Tests
- Pancreatic cancer
- Pancreatic Neoplasms
- Pulmonary Disease
- Refractive Errors
- Rhinitis

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- Schizophrenia
- Sinusitis
- Skin Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome

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