

Met Signaling Antibody Sampler Kit

Cat# AK0188

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

Met, a high affinity tyrosine kinase receptor for hepatocyte growth factor (HGF, also known as scatter factor), is a disulfide-linked heterodimer made of 45 kDa α - and 145 kDa β -subunits. The α -subunit and the amino-terminal region of the β -subunit form the extracellular domain. The remainder of the β -chain spans the plasma membrane and contains a cytoplasmic region with tyrosine kinase activity. Interaction of Met with HGF results in autophosphorylation at multiple tyrosines, which recruit several downstream signaling components, including Gab1, c-Cbl and PI3 kinase. These fundamental events are important for all of the biological functions involving Met kinase activity. Addition of a phosphate at cytoplasmic Tyr1003 is essential for ubiquitination and Met protein degradation. Phosphorylation of Tyr1234/1235 in the Met kinase domain is critical to kinase activation. Phosphorylation of Tyr1349 in the Met cytoplasmic domain provides a direct binding site for Gab1. Altered Met levels and/or tyrosine kinase activities are found in several types of tumors, including renal, colon and breast cancers. Thus, Met is an attractive cancer therapeutic and diagnostic target.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340228	Phospho-GAB1 (Tyr627) Polyclonal Antibody	20 μ L	WB, ELISA	Human, Mouse, Monkey	Rabbit
A340367	Phospho-GAB1 (Tyr659) Polyclonal Antibody	20 μ L	WB, IHC, IF, ELISA	Human, Mouse, Rat	Rabbit
A340592	MET Polyclonal Antibody	20 μ L	WB, ELISA	Human	Rabbit
A340255	Phospho-MET (Tyr1234) Polyclonal Antibody	20 μ L	WB, ELISA	Human, Mouse, Rat, Monkey	Rabbit
A340256	Phospho-MET (Tyr1349) Polyclonal Antibody	20 μ L	WB, ELISA	Human, Mouse, Rat	Rabbit
A340298	Phospho-MET (Tyr1356) Polyclonal Antibody	20 μ L	WB, ELISA	Human, Mouse, Rat	Rabbit

A1013s	Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	120μL	WB, ELISA	Rabbit	Goat
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PRODUCT USE LIMITATION

These products are intended for research use only.