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# Product Information

## Recombinant Anti-Human MET Single Domain Antibody

Cat. No.: **NAB-LXY0011**
This product is for research use only and is not intended for diagnostic use.

### Antigen Description

c-Met, also called MET and hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene (MET proto-oncogene, receptor tyrosine kinase), which earlier in the discovery process had also been called MNNG HOS transforming gene. The protein possesses 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.

MET is a membrane receptor that is essential for embryonic development and wound healing. Hepatocyte growth factor (HGF) is the only known ligand of the MET receptor. MET is normally expressed by cells of epithelial origin, while expression of HGF is restricted to cells of mesenchymal origin. Upon HGF stimulation, MET induces several biological responses that collectively give rise to a program known as invasive growth.

### Specific Activity

Tested positive against native human antigen.

### Target

c-MET

### Immunogen

The details of the immunogen for this antibody are not available.

### Source

llama

### Species Reactivity

Human

### Type

llama VHH

### Expression Host

E.coli

### Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

## ANTIGEN GENE INFOMATION

### Gene Name

MET MET proto-oncogene, receptor tyrosine kinase [ Homo sapiens ]

### Official Symbol

MET

**Synonyms**

MET; AUTS9; HGFR; RCCP2; c-Met; MET proto-oncogene, receptor tyrosine kinase; hepatocyte growth factor receptor; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase

**Gene ID**

4233

**mRNA Refseq**

NM_000245

**Protein Refseq**

NP_000236

**MIM**

164860

**UniProt ID**

P08581

**Chromosome Location**

7q31

**Pathway**

Adherens junction; Alpha6-Beta4 Integrin Signaling Pathway; Arf6 signaling events; Axon guidance.

**Function**

ATP binding; hepatocyte growth factor-activated receptor activity; protein binding; protein phosphatase binding; protein tyrosine kinase activity; protein tyrosine kinase activity; protein tyrosine kinase activity.

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