LEADGENE
LEADGENE BIOMEDICAL, INC.

Datasheet

Anti-c-Met Antibody [Clone 4A9]

Catalog Number	LDG0045YA
Package	100 µg / Customized package

For full product information, images and publications, please visit our website.

Overview

Description

The c-mesenchymal epithelial transition factor (c-Met，also known as hepatocyte growth factor receptor, HGFR), is a receptor tyrosine kinase (RTK) that mainly exists in epithelial cells. c-Met and its high-affinity ligand, hepatocyte growth factor (HGF), play important roles in mediating embryogenesis, tissue regeneration, wound healing and the formation of nerve and muscle. Aberrant HGF/c-Met axis activation is associated with the proliferation, survival, invasion and metastasis of various tumor cells, and thus c-Met may be a tumor biomarker and therapeutic target.

Product Note

Recommended dilution factor:
ELISA: 1:5000-20000
WB: 1:1000-10000
IFA: 1:200-1000
FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Name	clone 4A9

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Immunogen

c-Met

Reactivity

Human

Application

ELISA, WB, IFA, FACS

Conjugation

Unconjugated

Concentration

1 mg/mL

Storage Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Specificity

c-Met

Form

Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.
Suggestion: Divide antibody into several vials.
Keep only vials for usage at 2-8°C.

Image

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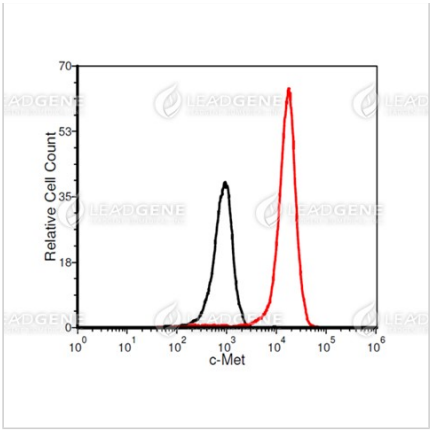
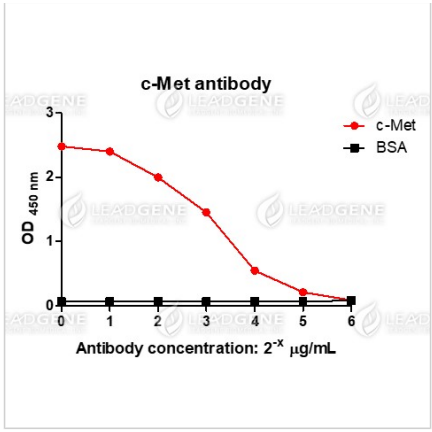
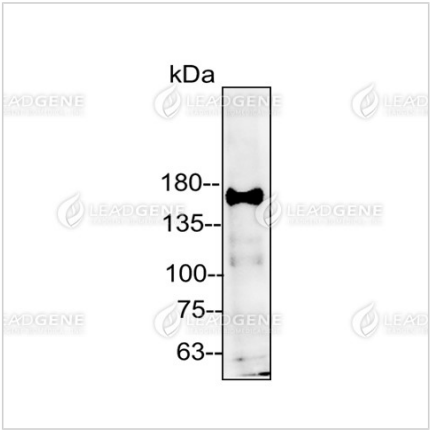
Immunofluorescence analysis of Anti-c-Met Antibody [Clone 4A9]
MCF7 cells were fixed in 100% methanol, permeabilized with PBS containing
0.1% Triton X-100. Cells were stained with mouse anti-c-Met monoclonal
antibody (1:200) followed by secondary antibodies (goat anti-Mouse IgG-
iFluor 488, 1:200, green) and cell nuclei were stained with Hoechst 33342
(Blue).



FACS analysis of Anti-c-Met Antibody [Clone 4A9]
MCF-7 cells were stained with anti-c-Met monoclonal antibody at 2 µg/ml
(red) and without antibody control (black).



ELISA titration of Anti-c-Met Antibody [Clone 4A9]
Titration curve of anti-c-Met antibody in ELISA. Red: c-Met; Black: BSA
(negative control).



Western blotting analysis of Anti-c-Met Antibody [Clone 4A9]
HeLa cell lysates (50 µg) were stained with mouse anti-c-Met monoclonal
antibody at 1:5000 dilution.

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Disclaimer : For Research Use or Further Manufacturing Only.

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