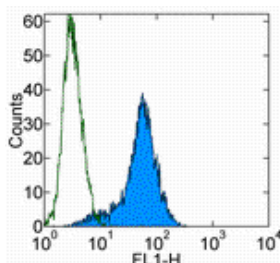


Anti-Mouse c-Met (HGF Receptor) FITC

Catalog Number: 11-8854

Also Known As: hepatocyte growth factor receptor

RUO: For Research Use Only. Not for use in diagnostic procedures.



Mouse c-Met-transfected 293T cells were stained with 0.5 ug of Rat IgG1 K Isotype Control FITC (cat. 11-4301) (open histogram) or 0.5 ug of Anti-Mouse c-Met (HGF Receptor) FITC (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse c-Met (HGF Receptor) FITC

REF **Catalog Number:** 11-8854

Clone: eBioclone 7

Concentration: 0.5 mg/mL

Host/Isotype: Rat IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

LOT **Batch Code:** Refer to Vial

Use By: Refer to Vial

Caution, contains Azide

Description

The eBioclone 7 monoclonal antibody was generated against a mouse c-Met-Ig fusion protein, and reacts with mouse c-Met-transfected cells. Mouse c-Met (HGFR) is a 170 kDa receptor tyrosine kinase (RTK) expressed by epithelial cells of the brain, kidney, liver and other tissues. Binding of its ligand, Hepatocyte Growth Factor (HGF), triggers receptor autophosphorylation, and activation of several downstream effectors including the mitogen-activated protein kinases ERK-1 and ERK-2, and PLC gamma. Activation of the c-Met signal transduction pathway leads to multiple cellular responses including cell motility, scattering, proliferation, survival and angiogenesis. Mutations in human c-Met have been implicated in the development of several malignancies.

Applications Reported

This eBioclone 7 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eBioclone 7 antibody has been tested by flow cytometric analysis of mouse c-Met-transfected 293T cells. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Suzuki A, Zheng Yw YW, Kaneko S, Onodera M, Fukao K, Nakauchi H, Taniguchi H. Clonal identification and characterization of self-renewing pluripotent stem cells in the developing liver. J Cell Biol. 2002 Jan 7;156(1):173-84.

Related Products

11-4301 Rat IgG1 K Isotype Control FITC

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