

Anti-Human c-Met (HGF Receptor) FITC

Catalog Number: 11-8858

Also Known As: hepatocyte growth factor receptor

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

Product Information

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

 **Catalog Number:** 11-8858

Clone: eBiolclone 97

Concentration: 5 uL (1.0 ug)/test

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.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The eBiolclone 97 monoclonal antibody was generated against a human c-Met-Ig fusion protein, and reacts with human c-Met (HGFR)-transfected cells. Human c-Met is a 145 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 eBiolclone 97 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eBiolclone 97 antibody has been pre-titrated and tested by flow cytometric analysis of A549 cells. This can be used at 5 µL (1.0 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.

References

Hov H, Tian E, Holien T, Holt RU, Våtsveen TK, Fagerli UM, Waage A, Børset M, Sundan A. c-Met signaling promotes IL-6-induced myeloma cell proliferation. Eur J Haematol. 2009 Apr;82(4):277-87 (**eBiolclone 97**, FC, PubMed)

Lin JC, Naujokas M, Zhu H, Nolet S, Park M. Intron-exon structure of the MET gene and cloning of an alternatively-spliced Met isoform reveals frequent exon-skipping of a single large internal exon. Oncogene. 1998 Feb 19;16(7):833-42.

Prat M, Crepaldi T, Pennacchietti S, Bussolino F, Comoglio PM. Agonistic monoclonal antibodies against the Met receptor dissect the biological responses to HGF. J Cell Sci. 1998 Jan;111 (Pt 2):237-47.

Related Products

11-4301 Rat IgG1 K Isotype Control FITC

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