

c-Met Monoclonal Antibody (eBioclone 7), PE, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG1, kappa
Recommended Isotype Control	Rat IgG1 kappa Isotype Control (eBRG1), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioclone 7
Conjugate	PE
Excitation/Emission Max	565/576 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_657816

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	5 Publications

Product Specific Information

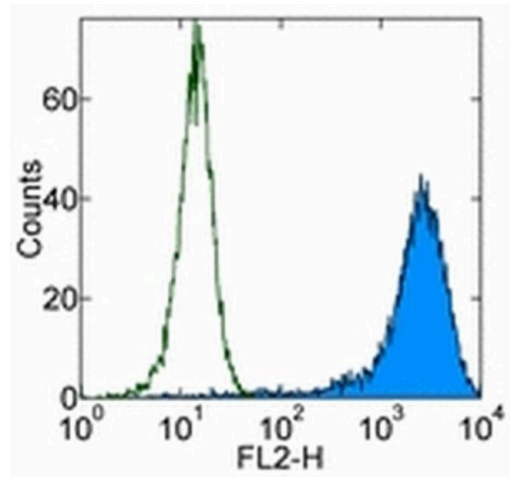
Description: The eBioclone 7 monoclonal antibody was generated against a mouse c-Met-Ig fusion protein, and reacts with mouse c-Met-transfected cells. Mouse c-Met (HGFR) is a 170 kDa receptor tyrosine kinase (RTK) expressed by epithelial cells of the brain, kidney, liver and other tissues. Binding of 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 0.5 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.

Excitation: 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.



c-Met Antibody (12-8854-82) in Flow
Staining of mouse c-Met-transfected 293T cells with 0.25 µg of Rat IgG1 K Isotype Control PE (Product # 12-4301-82) (open histogram) or 0.25 µg of Anti-Mouse c-Met (HGF Receptor) PE (filled histogram). Total viable cells were used for analysis.

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📖 5 References

Flow Cytometry (5)

<p>International journal of cancer research and molecular mechanisms</p> <p>Hematopoietic Stem Cell-derived Adipocytes Promote Tumor Growth and Cancer Cell Migration.</p> <p>"12-8854 was used in Flow cytometry/Cell sorting to examine the role of haematopoietic stem cell-derived adipocytes in tumour progression."</p> <p>Authors: Xiong Y,Russell DL,McDonald LT,Cowart LA,LaRue AC</p>	<p>Year 2020</p> <p>Species Mouse</p>
<p>Oncotarget</p> <p>Different growth and metastatic phenotypes associated with a cell-intrinsic change of Met in metastatic melanoma.</p> <p>"Published figure using c-Met monoclonal antibody (Product # 12-8854-82) in Flow Cytometry"</p> <p>Authors: Adachi E,Sakai K,Nishiuchi T,Imamura R,Sato H,Matsumoto K</p>	<p>Year 2016</p> <p>Species Mouse</p>

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