

c-Met Monoclonal Antibody (eBioclone 97), eBioscience™

Product Details

Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rat / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	eBioclone 97
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_493933

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Flow Cytometry (Flow)	1 µg/test	3 Publications

Product Specific Information

Description: 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 eBioclone 97 antibody has been reported for use in flow cytometric analysis.

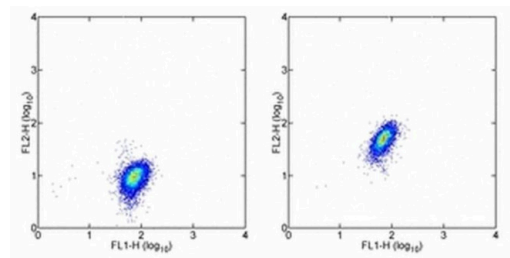
Applications Tested: This eBioclone 97 antibody has been tested by flow cytometric analysis of human c-Met-transfected cells. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number 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.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For c-Met Monoclonal Antibody (eBioclone 97), eBioscience™



c-Met Antibody (14-8858-82) in Flow
Staining of human c-Met/GFP-transfected cells with 0.5 µg of Rat IgG1 K Isotype Control Purified (Product # 14-4301-82) (left) or 0.5 µg of Anti-Human c-Met (HGF Receptor) Purified (right) followed by F(ab')₂ Anti-Rat IgG PE (Product # 12-4822). Total viable cells were used for analysis.

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4 References

Western Blot (1)

European journal of haematology	Year 2009
c-Met signaling promotes IL-6-induced myeloma cell proliferation.	Species Human
Authors: Hov H,Tian E,Holien T,Holt RU,Våtsveen TK,Fagerli UM,Waage A,Børset M,Sundan A	

Flow Cytometry (3)

Oncotarget	Year 2016
Different growth and metastatic phenotypes associated with a cell-intrinsic change of Met in metastatic melanoma.	Species Human
"Published figure using c-Met monoclonal antibody (Product # 14-8858-82) in Flow Cytometry"	
Authors: Adachi E,Sakai K,Nishiuchi T,Imamura R,Sato H,Matsumoto K	

Molecular medicine reports	Year 2015
Conditioned medium from umbilical cord mesenchymal stem cells induces migration and angiogenesis.	Species Human
"Published figure using c-Met monoclonal antibody (Product # 14-8858-82) in Flow Cytometry"	
Authors: Shen C,Lie P,Miao T,Yu M,Lu Q,Feng T,Li J,Zu T,Liu X,Li H	

[View more Flow references on thermofisher.com](#)

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