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Anti-Met (c-Met) Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9186-Cy3

About MET

c-Met, also called MET and hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. It is mapped to 7q31.2. The protein possesses tyrosine kinase activity. MET is a membrane receptor that is essential for embryonic development and wound healing. It induces several biological responses that collectively give rise to a program known as invasive growth. MET is deregulated in many types of human malignancies, including cancers of kidney, liver, stomach, breast, and brain. Normally, only stem cells and progenitor cells express MET, which allows these cells to grow invasively in order to generate new tissues in an embryo or regenerate damaged tissues in an adult. However, cancer stem cells are thought to hijack the ability of normal stem cells to express MET, and thus become the cause of cancer persistence and spread to other sites in the body.

Overview

Product Name	Anti-Met (c-Met) Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P08581

Technical Details

Immunogen	E.coli-derived human Met recombinant protein (Position: D208-S407). Human Met shares 90% and 91% amino acid (aa) sequences identity with mouse and rat Met, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm

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	Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

3 Publications Citing This Product

1. PubMed ID: 21413988, Chen D, Wang W, Guo W, Yu Q, Burnstock G, He C, Xiang Z, Zheng H. J Anat. 2011 Jun;218(6):643-51. Doi: 10.1111/J.1469-7580.2011.01364.X. Epub 2011 Mar 18. Expression Of P2Y(6) Receptors In The Developing Mouse Skeletal Muscle And After Injury And ...

2. PubMed ID: 23675455, Chen X, Ding G, Gao Q, Sun J, Zhang Q, Du L, Qiu Z, Wang C, Zheng F, Sun B, Ni J, Feng Z, Zhu J. Plos One. 2013 May 13;8(5):E63093. Doi: 10.1371/Journal.Pone.0063093. Print 2013. A Human Anti-C-Met Fab Fragment Conjugated With Doxorubicin As Targe...

3. PubMed ID: 22294837, Bin Wt, Ma Lm, Xu Q, Shi Xl. World J Gastroenterol. 2012 Jan 28;18(4):309-22. Doi: 10.3748/Wjg.V18.I4.309. Embryonic Hepatocyte Transplantation For Hepatic Cirrhosis: Efficacy And Mechanism Of Action.

Visit bosterbio.com/anti-met-c-met-picoband-trade-antibody-pb9186-boster.html to see all 3 publications.

Anti-Met (c-Met) Antibody - Cy3

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