

Rat anti-Human c-Met Monoclonal Antibody | anti-MET antibody

Anti-c Met monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71473	Rat	Human	ELISA, Flow Cytometry, Functional Assay

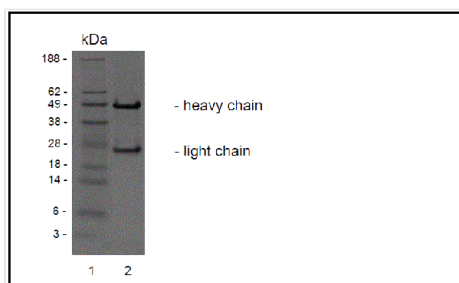
PRODUCT SYNONYMS

c-Met; Monoclonal Antibody; Anti-c Met monoclonal antibody; anti-MET antibody

PRODUCT SPECIFICATIONS

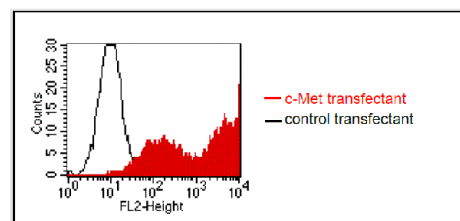
Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	BCI-3E7
Specificity	anti-human c-Met
Purity/Purification	Protein G
Form/Format	Purified
Sequence Length	1390
Applicable Applications for anti-MET antibody	ELISA (Competitive ELISA), FCM/FACS (Flow Cytometry)
Buffer	phosphate buffered saline, pH 7.2
Immunogen	genetic immunisation with cDNA encoding human c-Met
Selection	based on recognition of the complete native protein expressed on transfected mammalian cells
Immunogen	cDNA
Preparation and Storage	Short term: 2 degree C - 8 degree C; long term: -20 degree C (avoid repeated freezing and thawing)

IMAGES



Application Data

Fig.2: SDS-PAGE analysis of purified BCI-3E7 monoclonal antibody. Lane 1: molecular weight marker, Lane 2: 2 µg of purified BCI-3C7 antibody. Proteins were separated by SDS-PAGE and stained with RAPID Stain™ Reagent.



Application Data

Fig.1: FACS analysis of BOSC23 cells using BCI-3E7 Cat.# GM- 1005. BOSC23 cells were transiently transfected with an expression vector encoding either c-Met (red curve) or an irrelevant protein (control transfectant: black curve). Binding of BCI-3E7 was detected with a PE-conjugated secondary antibody. A positive signal was obtained only with c-Met transfected cells.

ADDITIONAL INFORMATION

Related Product Information for anti-MET antibody	Background: c-MET is a receptor tyrosine kinase that is activated upon Hepatocyte Growth Factor (HGF) binding. c-MET is produced as a single-chain precursor and plays an essential role in embryonic development and wound healing. It belongs to the class of Singlepass type I membrane proteins and it is normally expressed by cells of epithelial origin while the expression of HGF is restricted to cells of mesenchymal origin in an almost perfect paracrine paradigm. Overexpression of c-MET can be found in several kinds of tumor progression.
References	Bottaro DP, Rubin JS, Faletto DL, Chan AM, Kmiecik TE, Vande Woude GF, Aaronson SA (1991). Identification of the hepatocyte growth factor receptor as the met proto-oncogene product. Science 251 (4995): 802–4 Galland F, Stefanova M, Lafage M, Birnbaum D (1992). Localization of the 5' end of the MCF2 oncogene to human chromosome 15q15----q23. Cytogenet. Cell Genet. 60 (2): 114–6. Cooper CS (1992). The met oncogene: from detection by transfection to transmembrane receptor for hepatocyte growth factor. Oncogene 7 (1): 3–7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42741655
NCBI GeneID	4233
NCBI Accession #	NP_000236.2
NCBI GenBank Nucleotide #	NM_000245.2
UniProt Accession #	P08581; O60366; Q12875; Q9UDX7; Q9UPL8; A1L467; B5A932; E7EQ94
Molecular Weight	85,745 Da
NCBI Official Full Name	hepatocyte growth factor receptor isoform b
NCBI Official Synonym Full Names	MET proto-oncogene, receptor tyrosine kinase
NCBI Official Symbol	MET
NCBI Official Synonym Symbols	HGFR; AUTS9; RCCP2; c-Met
NCBI Protein Information	hepatocyte growth factor receptor; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase
UniProt Gene Name	MET
UniProt Synonym Gene Names	HGF receptor; SF receptor
UniProt Entry Name	MET_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/c-met-antibody-clone-bci-3e7-competitive-elisa-flow-cytometry-elisa/71473>