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Product datasheet for AM32986PU-N

MET Rat Monoclonal Antibody [Clone ID: BCI-3E7]

Product data:

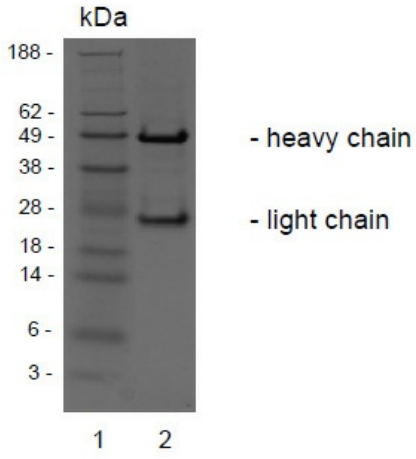
Product Type:	Primary Antibodies
Clone Name:	BCI-3E7
Applications:	ELISA, FC, WB
Recommended Dilution:	**Flow Cytometry:** 1.2 µg/10^6 cells. **Cell based ELISA** with intakt, transiently transfected cells: 1/200-1/400.
Reactivity:	Human
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	cDNA encoding Human c-Met
Specificity:	Recognizes c-Met. **Selection:** Based on recognition of the complete native protein expressed on transfected mammalian cells.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	MET proto-oncogene, receptor tyrosine kinase
Database Link:	Entrez Gene 4233 Human P08581

View online »

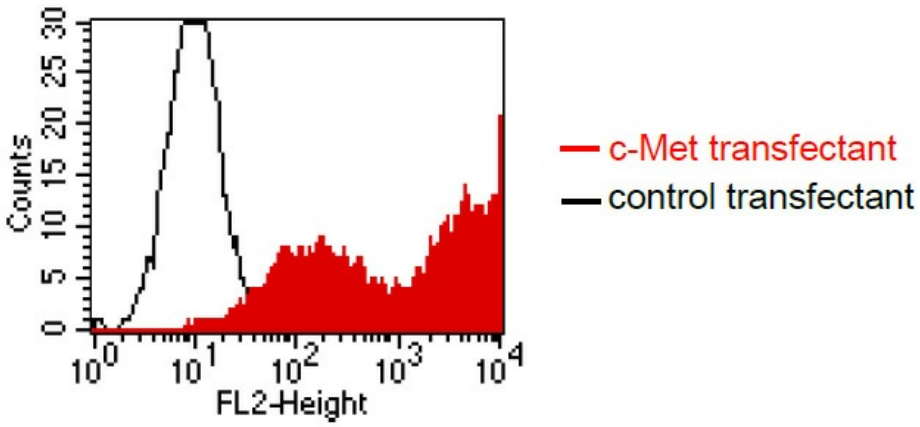
Background: c-MET is a receptor tyrosine kinase that is activated upon Hepatocyte Growth Factor (HGF) binding. c-MET is produced as a single-chain precursor and plays en essential role in embryonic development and wound healing. It belongs to the class of Singlepass type I membrane proteins and it is 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.

Synonyms: Hepatocyte growth factor receptor, MET, Scatter factor receptor, HGF/SF receptor, c-Met

Product images:



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



FACS analysis of BOSC23 cells using BCI-3E7. 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.