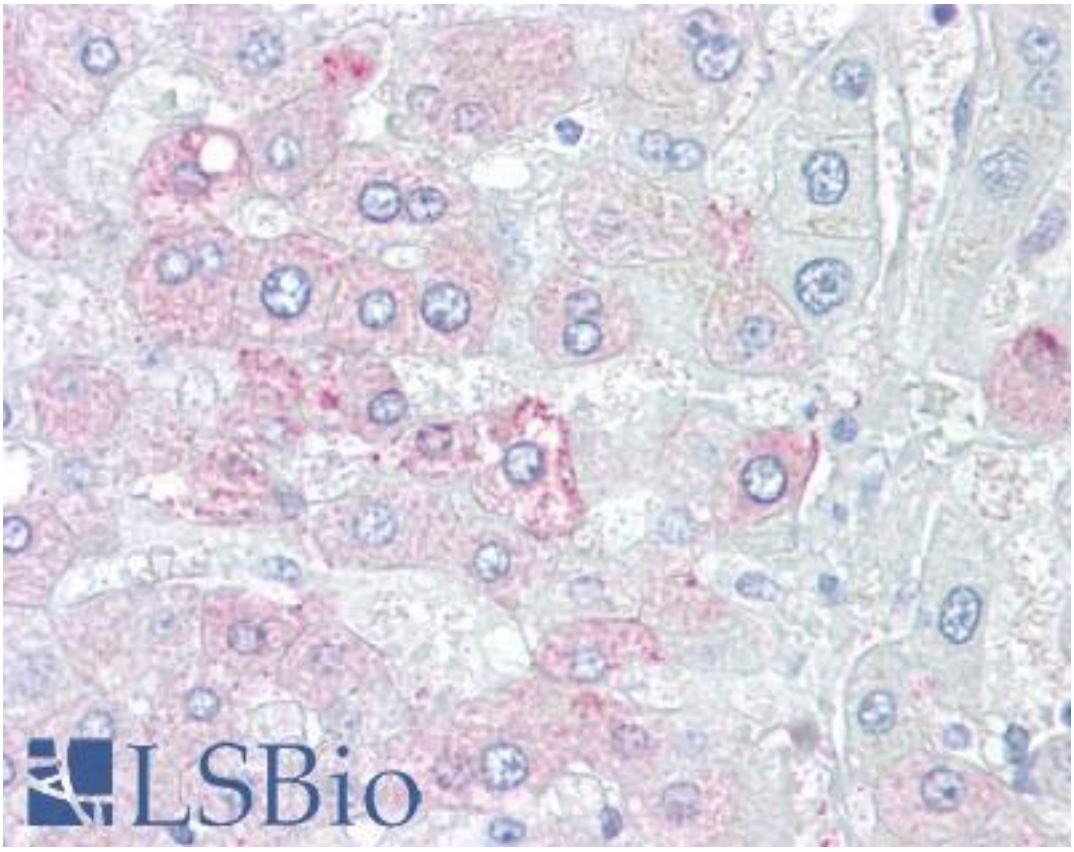
LSBio
LifeSpan BioSciences, Inc.

c-Met Mouse anti-Human Monoclonal (4AT44) Antibody - LS-B6889 - LSBio

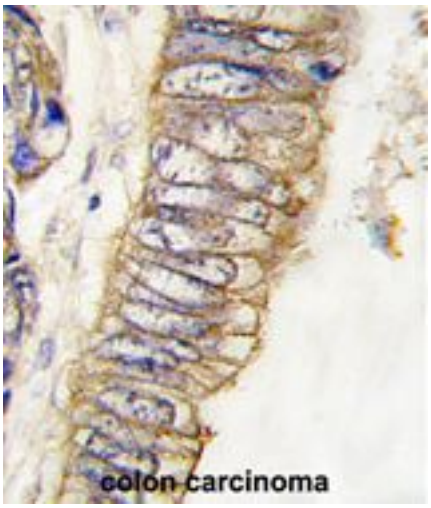
CatalogID:	LS-B6889
Validation:	This antibody replaces catalog number LS-C96425. It has been validated for use in the following assays: IHC-P.
Target:	met proto-oncogene
Synonyms:	MET Antibody, AUTS9 Antibody, C-Met Antibody, HGF/SF receptor Antibody, HGFR Antibody, Met kinase Antibody, Proto-oncogene c-Met Antibody, Scatter factor receptor Antibody, SF receptor Antibody, HGF receptor Antibody, RCCP2 Antibody, Tyrosine-protein kinase Met Antibody
Family / Subfamily:	Protein Kinase / HGF Receptor/MET
Host	MET antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	4AT44
Immunogen Species:	c-Met antibody was raised against Human
Antigen Type:	Recombinant protein
Immunogen:	c-Met antibody was raised against purified recombinant protein encoding the catalytic domain of human Met.
Reactivity:	Human, Mouse
Purification:	Protein G purified
Presentation:	PBS, 0.09% sodium azide
Recommended Storage:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.
Uses:	IHC - Paraffin (10 µg/ml), Immunofluorescence (1:100), Western blot (1:100 - 1:500) (Optimal dilution to be determined by the researcher)
Size:	200 µl

Immunohistochemistry Image:



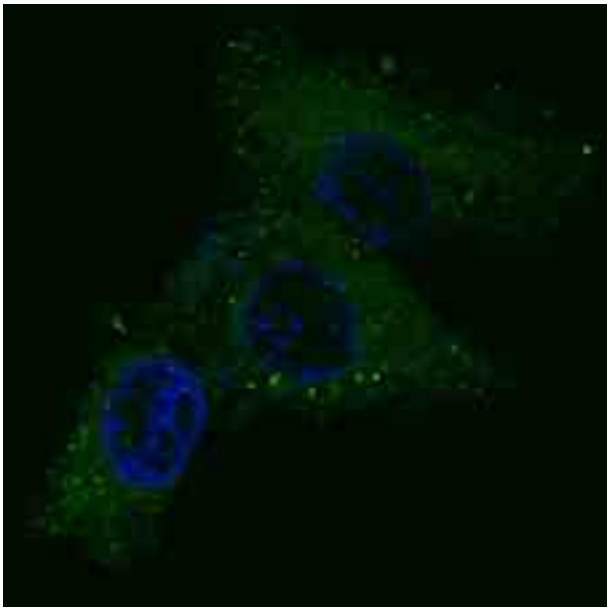
Anti-c-Met antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6889 concentration 10 ug/ml.

Immunohistochemistry Image:



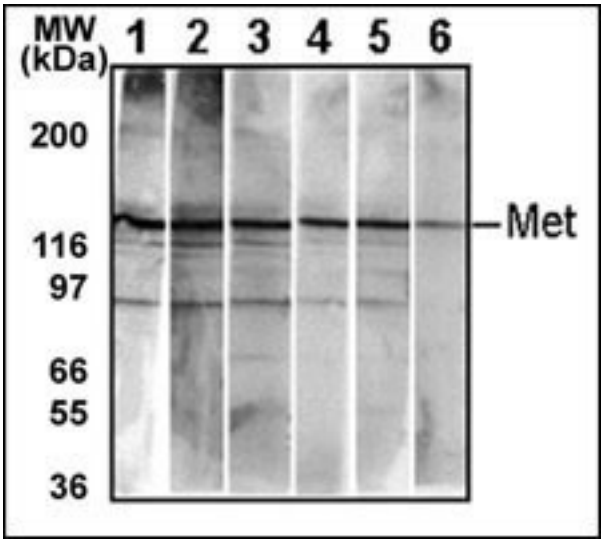
Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with MET/HGFR Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Immunofluorescence Image:



Fluorescent confocal image of HepG2 cells stained with MET/HGFR antibody. HepG2 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with MET/HGFR primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-mouse antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 ug/ml, 5 min). Note the highly specific localization of the MET immunosignal to the cytoplasm, supported by Human Protein Atlas Data (http://www.proteinatlas.org/ENSG00000105976).

Western Blot Image:



Detection of endogenous Met in HepG2 cell line. 10 ug/lane of HepG2 cell lysate was used to examine the expression of human Met. Lanes 1-5 represent different anti-Met monoclonal antibodies. Lane 1 is this antibody. Lane 6 represents auto-phosphorylated-Met in HepG2 cell line detected by anti-phospho-Met Mab.

Requested From:	Japan