

Anti-AFP antibody (450-550) (STJ113691)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

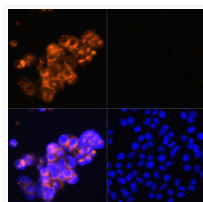
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 69kDa Observed Mw: 68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

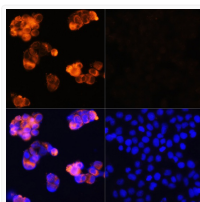
Gene ID	174
Gene Symbol	AFP
UniProt ID	FETA_HUMAN
Immunogen Region	450-550
Immunogen Sequence	ITRKMAATAATCCQLSEDKL LACGEGAADIIGHLCIRHE MTPVNPVGVCCTSSYANRR PCFSSLVDETYVPPAFSDD KFIFHKDLCQAQGVALQTMK Q
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 450-550 of Alpha-Fetoprotein (AFP) (NP_001125.1).

ADDITIONAL INFORMATION

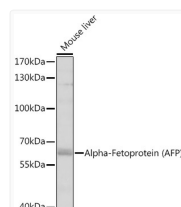
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of HepG2 cells (upper left) and LO2 cells (negative sample control) (upper right) using Alpha-Fetoprotein (AFP) antibody (red, A17457) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells (upper left) and LO2 cells (negative sample control) (upper right) using Alpha-Fetoprotein (AFP) antibody (red, STJ113691) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of mouse liver, using Alpha-Fetoprotein (AFP) antibody (STJ113691) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.