

anti-Human AFP/Alpha-fetoprotein Monoclonal Antibody | anti-AFP antibody

InVivoMAb Anti-Human AFP/Alpha-fetoprotein Antibody (Iv0166)

CATALOG # AAA120677	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Neutralization Assay
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PRODUCT SYNONYMS

AFP/Alpha-fetoprotein; Monoclonal Antibody; InVivoMAb Anti-Human AFP/Alpha-fetoprotein Antibody (Iv0166); Alpha-fetoprotein; Alpha-1-fetoprotein; Alpha-fetoglobulin; AFP; HPAFP; anti-AFP antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	Iv0166
Purity/Purification	>95% by SDS-PAGE Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AFP antibody	FCM/FACS (Flow Cytometry), NTRL (Neutralization)
Host Species	Human
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human AFP antibody. HepG2 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human AFP antibody monoclonal antibody (Catalog # VHC01501, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human AFP antibody. AFP Transfected CHO cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human AFP antibody monoclonal antibody (Catalog # VHC01501, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AFP antibody	InVivo Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501989
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NCBI GeneID	174
NCBI Accession #	NP_001125.1
NCBI GenBank Nucleotide #	NM_001134.1
UniProt Accession #	P02771 ; B2RBU3
Molecular Weight	68,678 Da
NCBI Official Full Name	alpha-fetoprotein
NCBI Official Synonym Full Names	alpha-fetoprotein
NCBI Official Symbol	AFP
NCBI Official Synonym Symbols	FETA; HPAFP
NCBI Protein Information	alpha-fetoprotein; alpha-fetoglobulin; alpha-1-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	AFP
UniProt Synonym Gene Names	HPAFP
UniProt Entry Name	FETA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/afp-alpha-fetoprotein-antibody-clone-iv0166-flow-cytometry-neutralization-elisa/120677>