

AFP Conjugated Antibody

Catalog No: #C56141



Package Size: #C56141-AF350 100ul #C56141-AF405 100ul #C56141-AF488 100ul
 #C56141-AF555 100ul #C56141-AF594 100ul #C56141-AF647 100ul
 #C56141-AF680 100ul #C56141-AF750 100ul #C56141-Biotin 100ul

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Description

Product Name	AFP Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	AFP Antibody detects endogenous levels of total AFP
Immunogen Description	A synthesized peptide derived from human AFP
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Alpha fetoglobulin; Alpha fetoprotein precursor; FETA; HPAFP;
Accession No.	Uniprot:P02771
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	68kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Alpha-fetoprotein (AFP) is a 65 kDa glycoprotein found in the mammalian fetal liver, yolk sac, and GI tract. In normal adult cells, p53 binds to the repressor region of the AFP gene, thereby blocking transcription. Mutations in both p53 and β -catenin are associated with aberrant expression of AFP. Research studies have shown that elevated serum AFP levels are predictive of hepatocellular carcinoma .

Note: This product is for in vitro research use only