

Product Information

Recombinant Anti-Human afp Antibody Fab Fragment

Cat. No.: **MOM-18527-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human AFP, expressed in E. coli

Antigen Description

Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentaggede (less than 2%) of the human AFP shows estrogen-binding properties.

Specific Activity

Tested positive against native antigen.

Target

AFP

Immunogen

Full length native protein (purified) (Human).

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

[AFP alpha-fetoprotein \[Homo sapiens \]](#)

Official Symbol

AFP

Synonyms

AFP; alpha-fetoprotein; HPAFP; FETA; alpha-fetoglobulin; alpha-1-fetoprotein

Gene ID

[174](#)

mRNA Refseq

[NM_001134](#)

Protein Refseq

[NP_001125](#)

UniProt ID

P02771

Chromosome Location

4q11-q13

Pathway

Direct p53 effectors, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;

Function

metal ion binding;