

Datasheet for ABIN6242760

**anti-alpha Fetoprotein antibody (AA 281-609)****3** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	alpha Fetoprotein (AFP)
Binding Specificity:	AA 281-609
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This alpha Fetoprotein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This AFP antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 281-609 amino acids from human AFP.
Clone:	1087CT8-3-5
Isotype:	IgG2b kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	alpha Fetoprotein (AFP)
Alternative Name:	AFP ( <a href="#">AFP Products</a> )
Background:	Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only

## Target Details

a small percentage (less than 2 %) of the human AFP shows estrogen-binding properties.

Molecular Weight: 68678

UniProt: [P02771](#)

Pathways: [C21-Steroid Hormone Metabolic Process](#)

## Application Details

Application Notes: WB: 1:500. WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

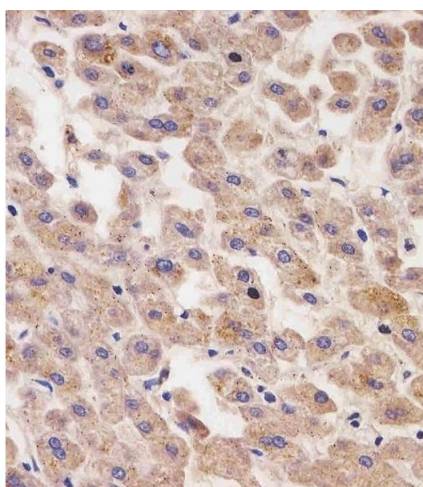
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

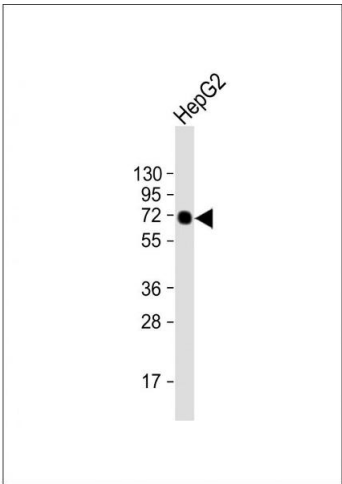
Expiry Date: 6 months

## Images



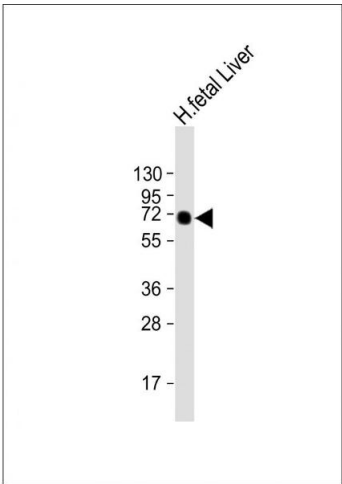
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN6242760 and ABIN6577246) staining AFP in human liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



#### Western Blotting

**Image 2.** Anti-AFP Antibody at 1:500 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 68 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



#### Western Blotting

**Image 3.** Anti-AFP Antibody at 1:2000 dilution + human fetal Liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 68 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.