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Datasheet for ABIN7425740

anti-alpha Fetoprotein antibody (AA 31-171)

3 Images

Overview

Quantity:	100 µL
Target:	alpha Fetoprotein (AFP)
Binding Specificity:	AA 31-171
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This alpha Fetoprotein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Alpha-Fetoprotein (AFP)
Immunogen:	Recombinant Alpha-Fetoprotein (AFP) corresponding to Ile31~Pro171 with N-terminal His Tag
Clone:	C6
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against AFP. It has been selected for its ability to recognize AFP in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

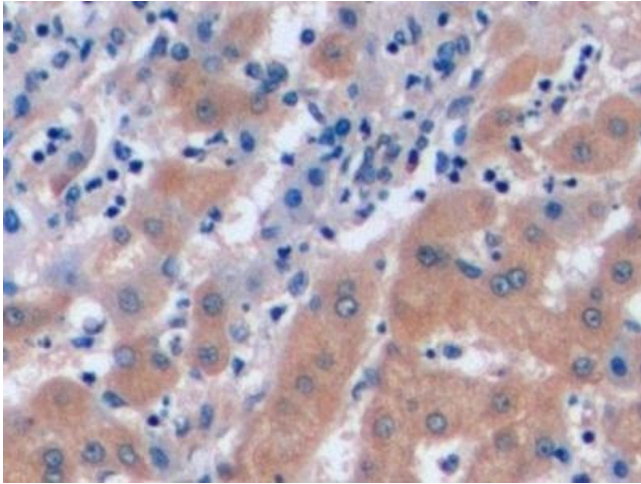
Target:	alpha Fetoprotein (AFP)
Alternative Name:	Alpha-Fetoprotein (AFP Products)
Background:	AFP, A-FP, FETA, HPAFP, Alpha-Fetoglobulin, Alpha-1-fetoprotein
Pathways:	C21-Steroid Hormone Metabolic Process

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL 1:200-2000 Immunohistochemistry: 5-30 µg/mL 1:20-300 Immunocytochemistry: 5-30 µg/mL 1:20-300 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

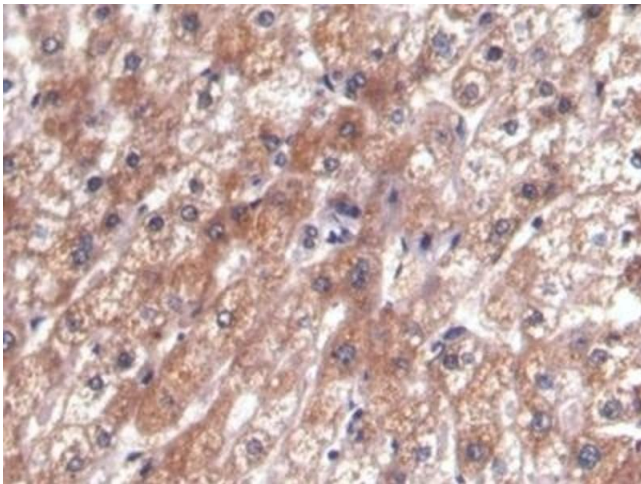
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



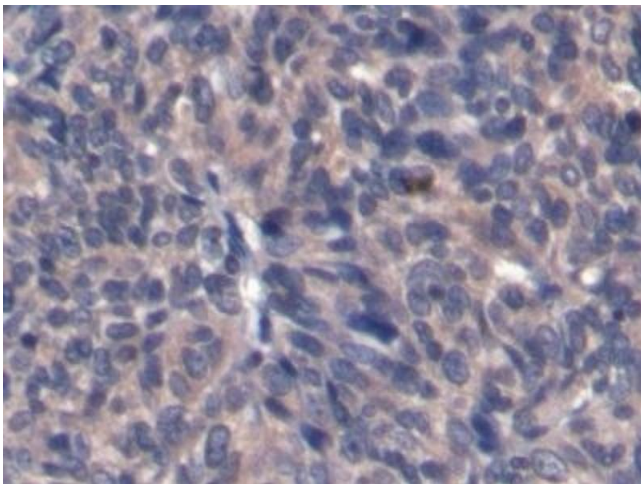
Immunohistochemistry

Image 1. Detection of AFP in Human Liver cancer Tissue using Monoclonal Antibody to Alpha-Fetoprotein (AFP)



Immunohistochemistry

Image 2. Detection of AFP in Human Liver Tissue using Monoclonal Antibody to Alpha-Fetoprotein (AFP)



Immunohistochemistry

Image 3. Detection of AFP in Human Ovarian cancer Tissue using Monoclonal Antibody to Alpha-Fetoprotein (AFP)