10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5)

Catalog # AP63329

Specification

AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) - Product Information

Application	**WB, IHC-P, IF**
Primary Accession	P02771
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**

AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) - Additional Information

Gene ID 174

Other Names
AFP; HPAFP; Alpha-fetoprotein; Alpha-1-fetoprotein; Alpha-fetoglobulin

Dilution
WB~~WB: 1:2000 IF 1:200 IHC 1:50-300
IHC-P~~N/A
IF~~WB: 1:2000 IF 1:200 IHC 1:50-300

Format
PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions
-20℃

AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) - Protein Information

Name AFP

Synonyms HPAFP

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

Cellular Location
Secreted.

Tissue Location
Plasma. Synthesized by the fetal liver and yolk sac

AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) - Protocols

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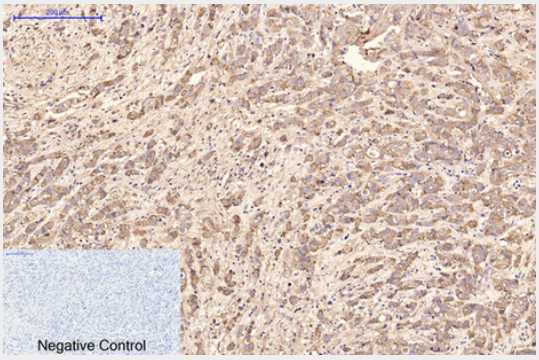
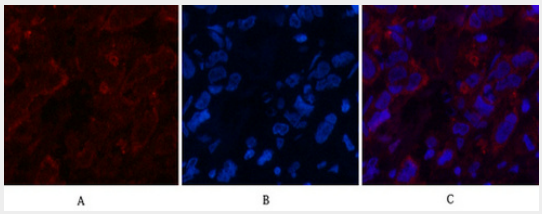
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) - Images



Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1,AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-breast-cancer tissue. 1,AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

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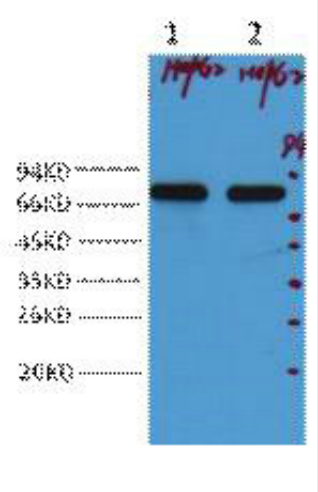
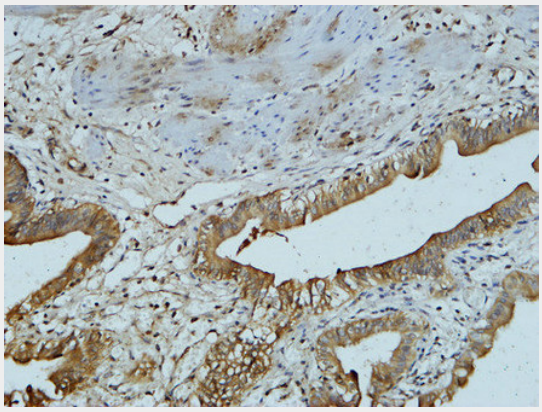
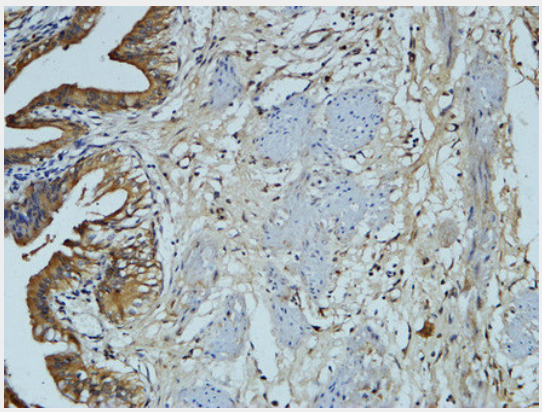


Western blot analysis of HepG2, diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human gallbladder. 1, Antibody was diluted at 1:100(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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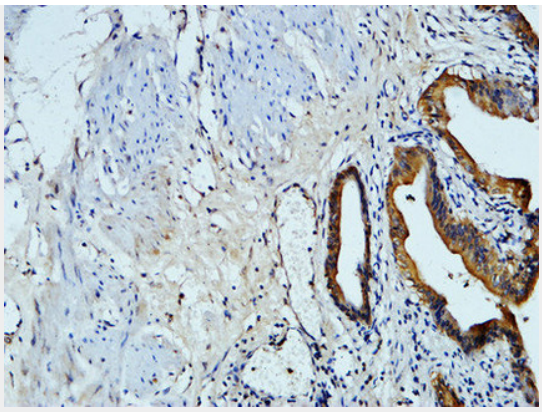

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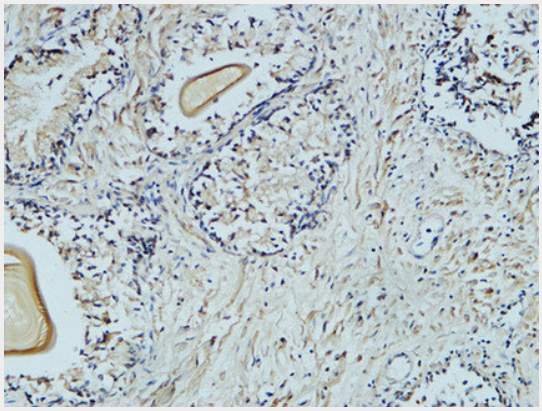
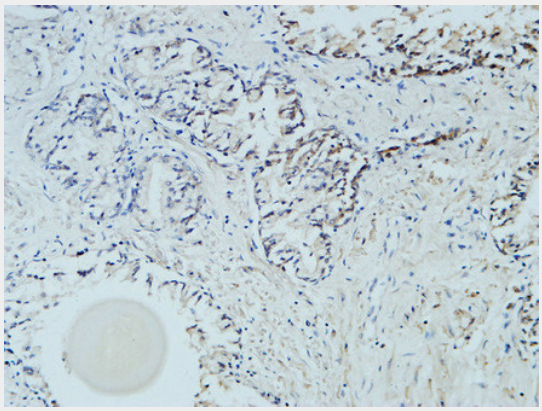


Immunohistochemical analysis of paraffin-embedded Human Prostate. 1, Antibody was diluted at 1:100(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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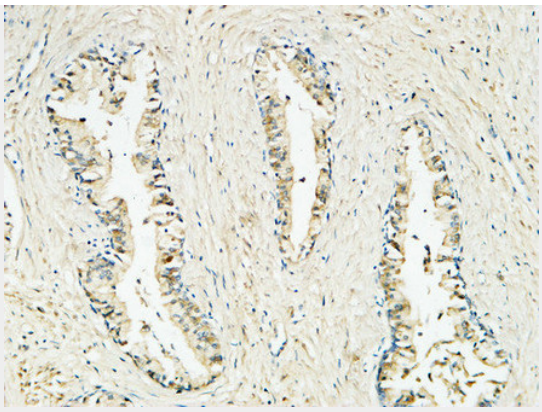

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