

anti- Alpha-2-macroglobulin antibody

Product Information

Catalog No.:	FNab00341
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	6D0
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Alpha-2-macroglobulin, also known as α 2-macroglobulin(α 2M or A2M), is a protein abundant in the plasma of vertebrates and several invertebrates. A2M is an evolutionarily conserved arm of the innate immune system. It also mediates the proliferation of T cells and macrophages. A2M acts as a nonspecific protease inhibitor involved in the host defense mechanism that inactivates both endogenous and exogenous proteases, including trypsin, thrombin and collagenase. Even though A2M is produced predominantly by the liver, it may also be expressed in the reproductive tract, heart, and brain, and may have important roles in many physiological processes and medical illnesses including Alzheimer's disease.

Immunogen information

Immunogen:	alpha-2-macroglobulin
Synonyms:	A2M, Alpha 2 M, alpha 2 macroglobulin, CPAMD5, DKFZp779B086, FWP007, S863 7, α -2M
Observed MW:	185 kDa
Uniprot ID :	P01023

Application

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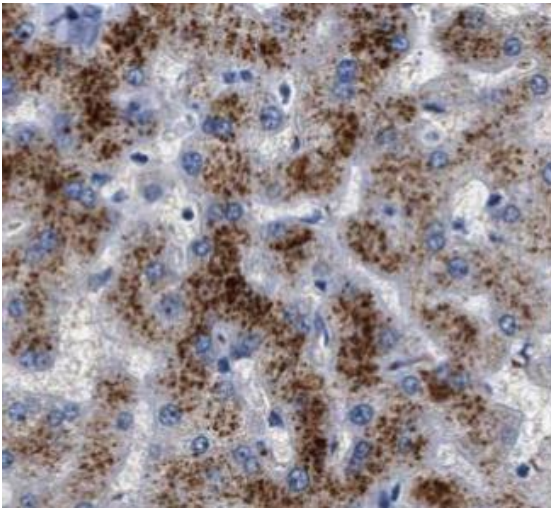
www.fn-test.com

Reactivity: Human

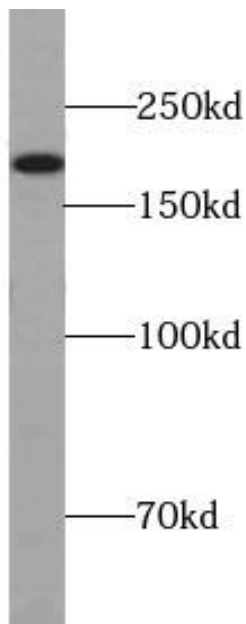
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:1000; IF: 1:50-1:500; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver slide using FNab00341(A2M Antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab00341(A2M antibody) at dilution of 1:1000

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