

# Fetuin A Polyclonal Antibody

## Product Details

Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-300 of human AHSG.
Form	Liquid
Concentration	6.57 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2807573

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:10 - 1:100	-

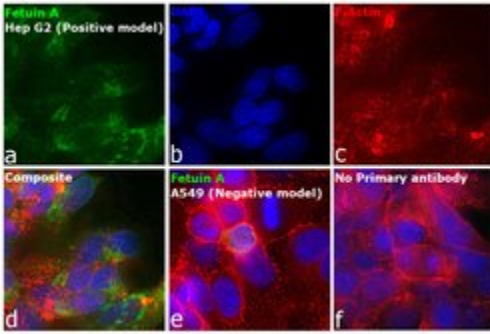
## Product Specific Information

Immunogen sequence: APHGPGLIYR QPNCDDPETE EAALVAIDYI NQNLPWGYKH TLNQIDEVKV WPQQPSGELF EIEIDTLETT CHVLDPTPVA RCSVRQLKEH AVEGDCDFQL LKLDGKFSVV YAKCDSSPDS AEDVRKVCQD CPLLAPLNDT RVVHAAKAAL AAFNAQNNGS NFQLEEISRA QLVPLPPSTY VEFTVSGTDC VAKEATEAAK CNLLAEKQYG FCKATLSEKL GGAEVAVTCM VFQTQPVSQ PQPEGANEAV PTPVVDPDAP PSPPLGAPGL PPAGSPPDSH VL; Positive Samples: 293T, HepG2, DU145, A-549

## Product Images For Fetuin A Polyclonal Antibody

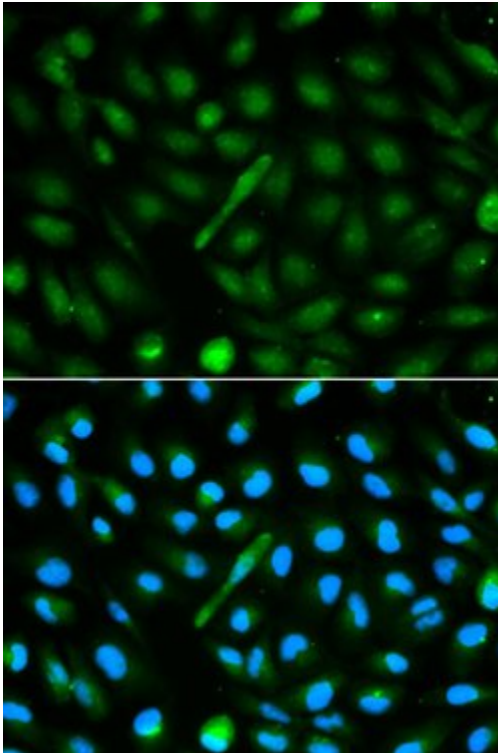
### Fetuin A Antibody (PA5-95771) in ICC/IF

Immunofluorescence analysis of Fetuin A was performed using Hep G2 and A549 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with Anti-Fetuin A Monoclonal Antibody (OT12H2) (Product # PA5-95771) at 1:100 dilution in 0.1% BSA and incubated overnight at 4 degree and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 conjugate (Product # A32766) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the composite image showing cytoplasmic localization of Fetuin A in Hep G2 cells but not in A549 cells (Panel e) which is reported to be negative for Fetuin A expression. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



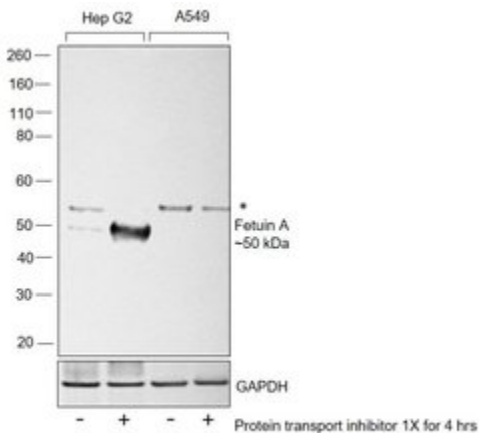
### Fetuin A Antibody (PA5-95771) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of Fetuin A was performed in MCF-7 cells using Fetuin A Polyclonal Antibody (Product # PA5-95771).



### Fetuin A Antibody (PA5-95771) in WB

Western blot was performed using Anti-Fetuin A Polyclonal Antibody (Product # PA5-95771) and 50 kDa band corresponding to Fetuin A (AHSG) was observed in Hep G2 treated cells but not in A549 cells as reported in literature. Additional uncharacterized band (\*) was observed across the panel. Whole cell extracts (30 µg lysate) of Hep G2 (Lane 1), Hep G2 treated with Protein Transport Inhibitor (1X) for 4hrs (Lane 2), A549 (Lane 3), and A549 treated with Protein Transport Inhibitor (1X) for 4hrs (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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