Human Serum Albumin Monoclonal Antibody (AL-01)

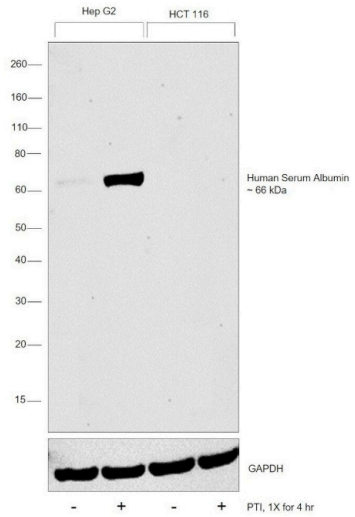
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	AL-01
Conjugate	Unconjugated
Immunogen	Fraction of proteins containing albumin after ammonnium sulphate precipitation and DEAE-chromatography of human serum.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	15mM sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_1070125

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	5 µg/mL	-
ELISA (ELISA)	Assay-dependent	-
Radioimmune Assays (RIA)	Assay-dependent	-

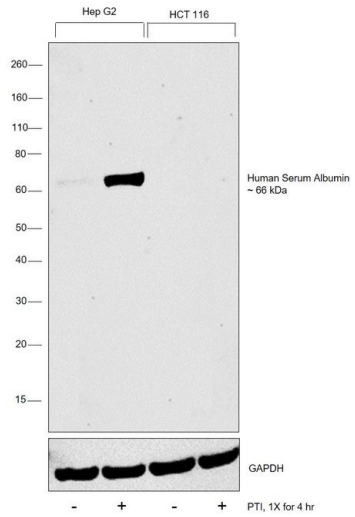
Product Specific Information

This antibody will not cross-react with other mammalian species.

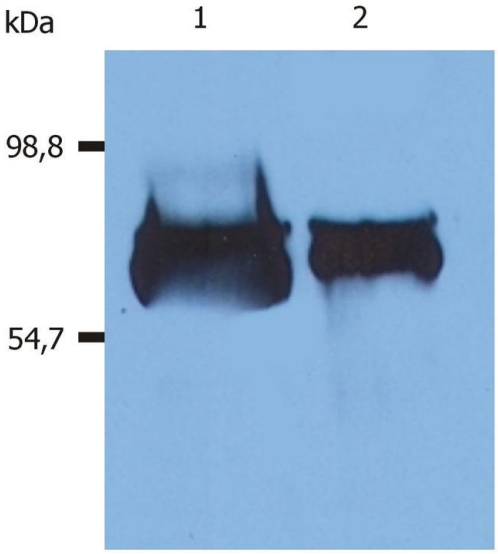
Product Images For Human Serum Albumin Monoclonal Antibody (AL-01)



Human Serum Albumin Antibody (MA1-19174)
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of Human Serum Albumin was observed in Hep G2 when compared to HCT 116 using Anti-Human Serum Albumin Monoclonal Antibody (AL-01) (Product # MA1-19174) in Western Blot. {RE}



Human Serum Albumin Antibody (MA1-19174) in WB
Western blot was performed using Anti-Human Serum Albumin Monoclonal Antibody (AL-01) (Product # MA1-19174) and a 66kDa band corresponding to Human Serum Albumin was observed in Hep G2 when compared to HCT 116 which is reported to be a low expressing model. Whole cell extracts (30 µg lysate) of Hep G2 (Lane 1), Hep G2 treated with PTI (1X for 4hrs) (Lane 2), HCT 116 (Lane 3), HCT 116 PTI (1X for 4hrs) (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177,1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



Human Serum Albumin Antibody (MA1-19174) in WB
Western blotting analysis (reducing conditions) of human serum albumin using anti-human Albumin (AL-01) Monoclonal antibody (Product # MA1-19174). Lane 1: Human blood plasma; Lane 2: Human blood serum.

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