

Product Datasheet

Apolipoprotein A-I/ApoA1 Antibody (2083D) - Azide and BSA Free MAB3664

Unit Size: 100 ug

Store at -20C in the dark. Avoid freeze-thaw cycles.

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MAB3664

Apolipoprotein A-I/ApoA1 Antibody (2083D) - Azide and BSA Free

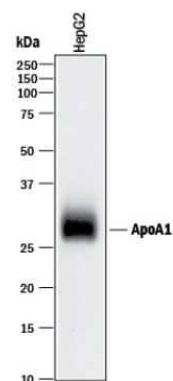
Product Information	
Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2083D
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	>90% by SDS PAGE
Host	Rabbit
Gene ID	335
Gene Symbol	APOA1
Species	Human
Immunogen	rhApoA1 aa25-267

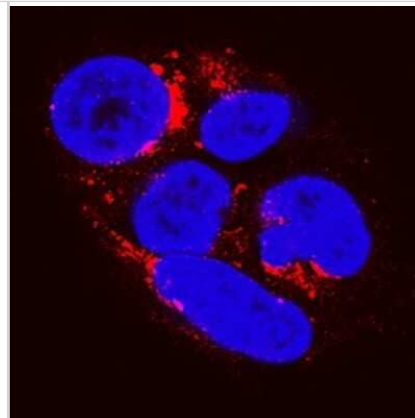
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry, CyTOF-ready
Application Notes	This antibody is Cytof ready.

Images

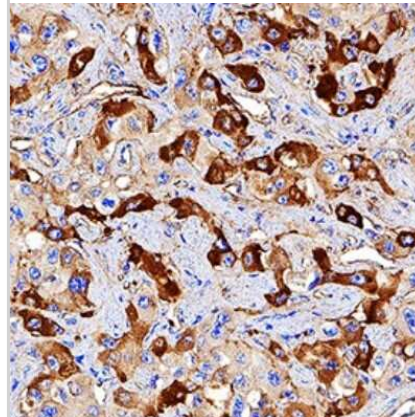
Western Blot: Apolipoprotein A-I/ApoA1 Antibody (2083D) [MAB3664] - Analysis of HepG2 cell lysate with 0.1 ug/ml of hApoA1 Monoclonal Antibody followed by HRP-conjugated Anti-Rabbit IgG Antibody. A specific band was detected for hApoA1 at approximately 25-30 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



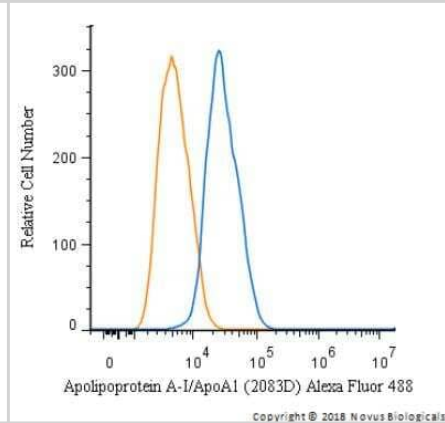
Immunocytochemistry: Apolipoprotein A-I/ApoA1 Antibody (2083D) [MAB3664] - ApoA1 was detected in immersion fixed HepG2 cell using ApoA1 Monoclonal Antibody at 1 ug/ml dilution. Cells were stained using the NorthernLights 557-conjugated Anti-Rabbit IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to cytoplasmic.



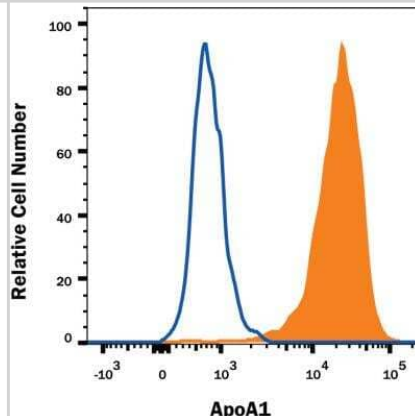
Immunohistochemistry: Apolipoprotein A-I/ApoA1 Antibody (2083D) [MAB3664] - ApoA1 was detected in immersion fixed paraffin-embedded sections of human lung cancer using ApoA1 Monoclonal Antibody at 1 ug/ml. Tissue was stained using Rabbit IgG VisUCyte HRP Polymer Antibody (brown) and counterstained with hematoxylin (blue). Specific staining was localized to cytoplasm in cancer cells.



Flow Cytometry: Apolipoprotein A-I/ApoA1 Antibody (2083D) [MAB3664] - An intracellular stain was performed on HepG2 cells with Apolipoprotein A-I/ApoA1 Antibody (2083D) MAB3664AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



Flow Cytometry: Apolipoprotein A-I/ApoA1 Antibody (2083D) [MAB3664] - HepG2 human hepatocellular carcinoma cell line was stained with Rabbit Anti-Human Apolipoprotein A-I/ApoA1 Monoclonal Antibody (Catalog # MAB3664, filled histogram) or isotype control antibody (Catalog # AB-105-C, open histogram), followed by Phycoerythrin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0102B). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005).





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Products Related to MAB3664

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34869-100ug	Recombinant Human Apolipoprotein A-I/ApoA1 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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