

Product Datasheet

alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3) NBP1-28884-0.1ml

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-28884-0.1ml

alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A10F3
Preservative	0.03% Sodium Azide
Isotype	IgG2b
Purity	Ascites
Buffer	Ascites
Target Molecular Weight	42 kDa

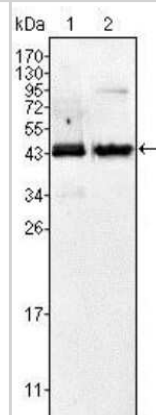
Product Description	
Description	Novus Biologicals Mouse alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3) (NBP1-28884) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-alpha-Methylacyl-CoA Racemase/AMACR Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23600
Gene Symbol	AMACR
Species	Human, Mouse
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Purified recombinant fragment of human alpha-Methylacyl-CoA Racemase/AMACR expressed in E. Coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

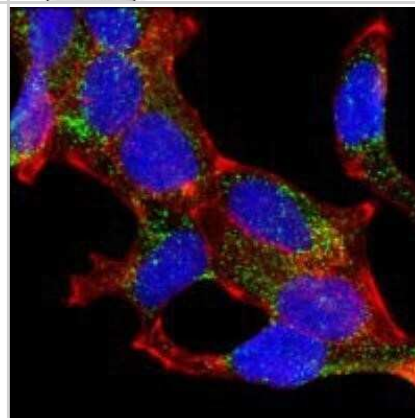


Images

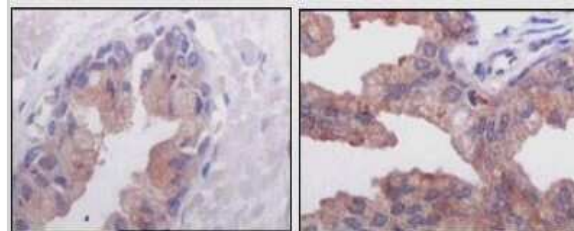
Western Blot: alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3) [NBP1-28884] - Analysis using AMACR mouse mAb against Jurkat (1) and LNCaP (2) cell lysate.



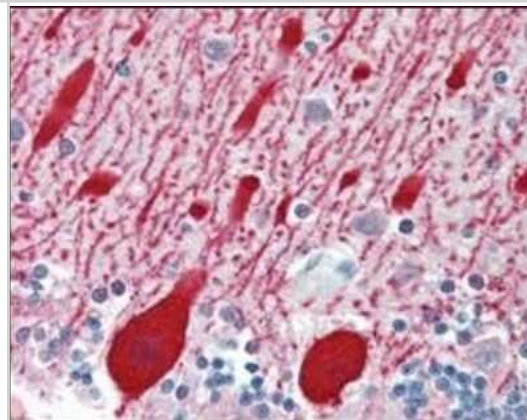
Immunocytochemistry/Immunofluorescence: alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3) [NBP1-28884] - Confocal immunofluorescence analysis of LNCaP cells using AMACR mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3) [NBP1-28884] - Analysis of human normal prostate tissues (left) and prostate adenocarcinoma tissues (right), showing cytoplasmic localization using AMACR mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody (2A10F3) [NBP1-28884] - Analysis of human brain cerebellum using AMACR mouse mAb.



Publications

Hewa Bostanthirige D, Komaragiri SK, Joshi JB et al. The helix-loop-helix transcriptional regulator Id4 is required for terminal differentiation of luminal epithelial cells in the prostate *Oncoscience* 2021-03-24 [PMID: 33884281] (IF/IHC, Mouse)



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Products Related to NBP1-28884-0.1ml

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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