

Product Datasheet

alpha-Smooth Muscle Actin Antibody (BLR082G) - BSA Free NBP2-78836

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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NBP2-78836

alpha-Smooth Muscle Actin Antibody (BLR082G) - BSA Free

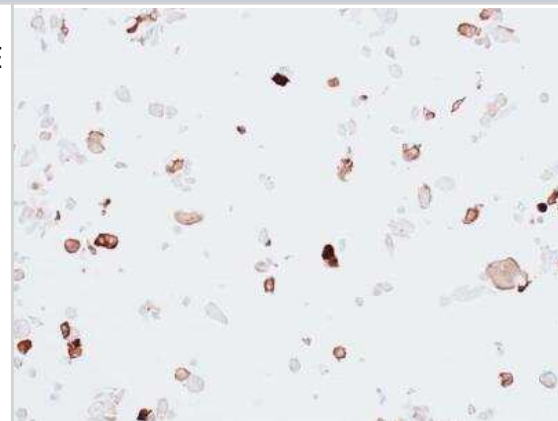
Product Information	
Unit Size	100 ul
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BLR082G
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Tissue culture supernatant
Buffer	Borate Buffered Saline (BBS) pH 8.2
Target Molecular Weight	42 kDa

Product Description	
Host	Rabbit
Gene ID	59
Gene Symbol	ACTA2
Species	Human, Mouse
Immunogen	Alpha-Smooth Muscle Actin Antibody (BLR082G) is a recombinant monoclonal made to a peptide representing a region between residue between 1 and 50 of human aortic smooth muscle actin using the numbering given in entry NP_001135417.1 (Gene ID 59).
Notes	This Product sold under License from Bethyl Laboratories, Inc.

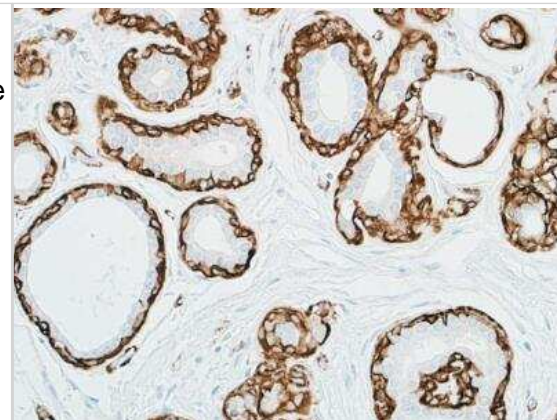
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 to 1:500, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

Images

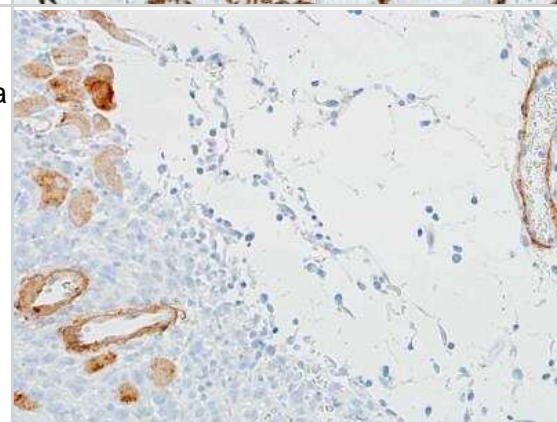
Immunocytochemistry: alpha-Smooth Muscle Actin Antibody (BLR082G) [NBP2-78836] - Detection of human alpha-Smooth Muscle Actin in FFPE IMR-90 cells by ICC. Antibody: Rabbit anti-alpha Smooth Muscle Actin recombinant monoclonal [BLR082G] (NBP2-78836). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



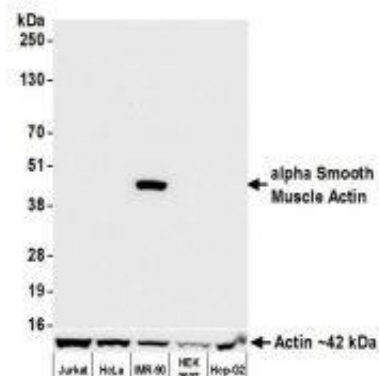
Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody (BLR082G) [NBP2-78836] - Detection of human alpha-Smooth Muscle Actin in FFPE breast by IHC. Antibody: Rabbit anti-alpha Smooth Muscle Actin recombinant monoclonal [BLR082G] (NBP2-78836). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



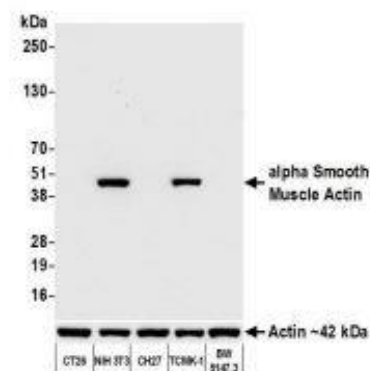
Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody (BLR082G) [NBP2-78836] - Detection of mouse alpha-Smooth Muscle Actin in FFPE colon carcinoma CT26 by IHC. Antibody: Rabbit anti-alpha Smooth Muscle Actin recombinant monoclonal [BLR082G] (NBP2-78836). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



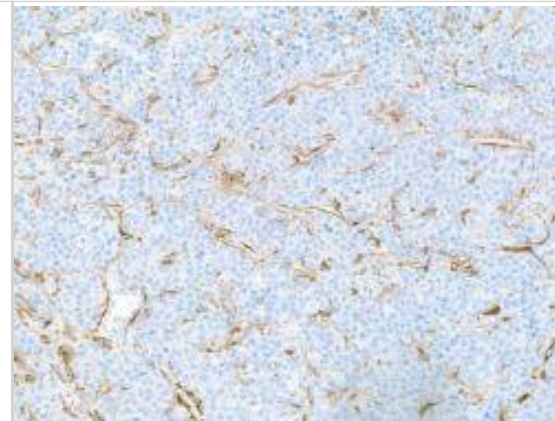
Western Blot: alpha-Smooth Muscle Actin Antibody (BLR082G) [NBP2-78836] -: Whole cell lysate (50 ug) from Jurkat, HeLa, IMR-90, HEK293T, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-alpha Smooth Muscle Actin recombinant monoclonal antibody [BLR082G] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Chemiluminescence with an exposure time of 3 seconds.



Western Blot: alpha-Smooth Muscle Actin Antibody (BLR082G) [NBP2-78836] -Whole cell lysate (10 ug) from CT26, NIH 3T3, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Rabbit anti alpha Smooth Muscle Actin recombinant monoclonal antibody [BLR082G] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F].



Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody (BLR082G) [NBP2-78836] -: Rabbit anti-alpha Smooth Muscle Actin recombinant monoclonal antibody [BLR082G]. Secondary: HRP-conjugated goat antirabbit IgG. Substrate: DAB.



Publications

Mao Y, Feng H Vitamin D3 alleviates cigarette smoke extract-mediated epithelial-mesenchymal transition and fibrogenesis by upregulating CC16 expression in bronchial epithelial cells *Experimental and therapeutic medicine* [PMID: 35493433] (WB, Human)



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Products Related to NBP2-78836

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000059-P01-10ug	Recombinant Human alpha-Smooth Muscle Actin GST (N-Term) 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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