

Product Datasheet

beta-Actin Antibody (CL3868) - Azide and BSA Free NBP3-44487

Unit Size: 100 ug

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

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NBP3-44487

beta-Actin Antibody (CL3868) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3868
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

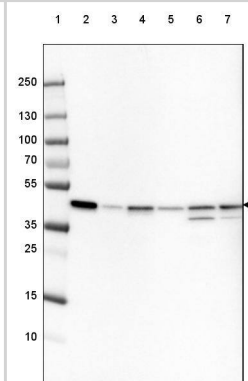
Product Description	
Description	Novus Biologicals Mouse beta-Actin Antibody (CL3868) - Azide and BSA Free (NBP2-76481) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	60
Gene Symbol	ACTB
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a synthetic peptide of P60709, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 1-4 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

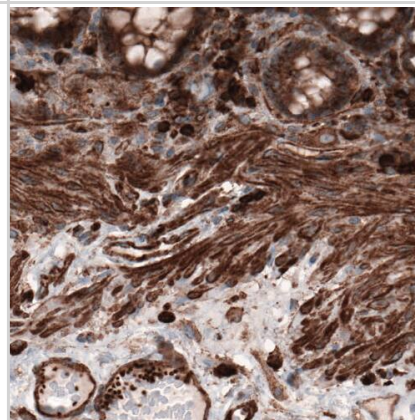


Images

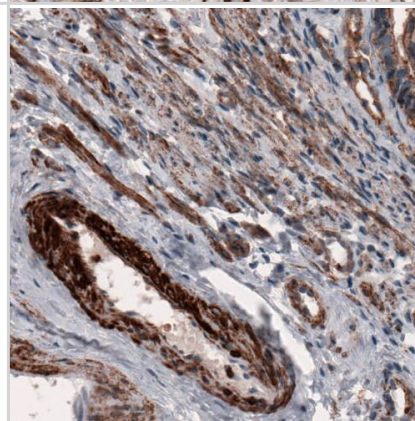
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Human cell line HeLa
 Lane 3: Human cell line HEK 293
 Lane 4: Human cell line A-431
 Lane 5: Human cell line HepG2
 Lane 6: Mouse cell line NIH-3T3
 Lane 7: Rat cell line NBT-II



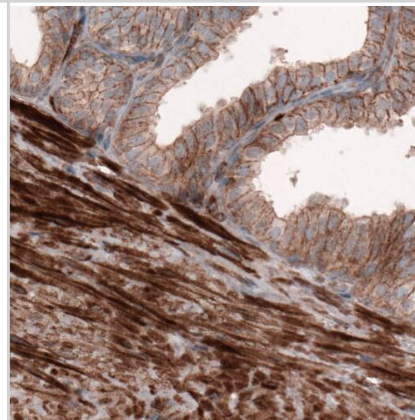
Staining of human colon shows positivity in smooth muscle, lymphoid and glandular cells.



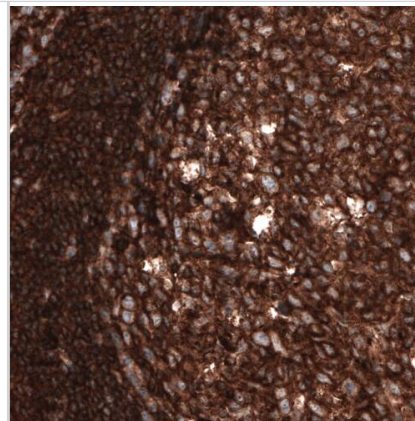
Staining of human fallopian tube shows immunoreactivity in smooth muscle cells of blood vessels and connective tissue.



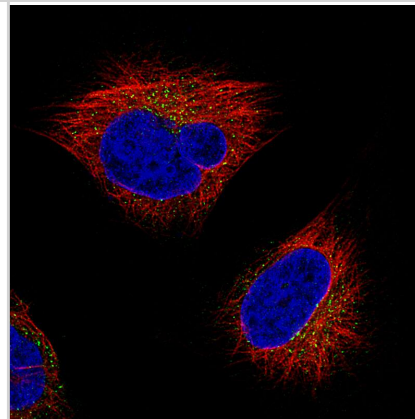
Staining of human prostate shows strong cytoplasmic immunoreactivity in smooth muscle and weak positivity in glandular cells.



Staining of human tonsil shows strong positivity in lymphoid cells.



Staining of U-251 cells using the Anti-beta-Actin monoclonal antibody) .





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Products Related to NBP3-44487

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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