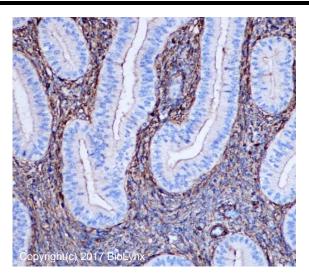


Rev.: 2018/12/5

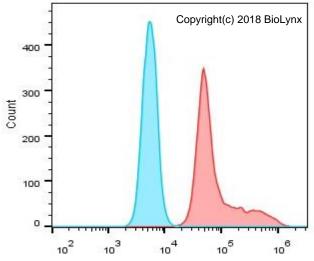
Alpha smooth muscle actin													
Recombinant Rabbit Monoclonal Antibody								Ca	Catalog# BX00010				
Produc	- Clone#					RR608							
Species Cro	<b>Nolecular Wt:</b> ss-reactivity: cross-reactivity de s:	42kDa Human etermined WB	Mouse by WB IHC-P	Rat IF/ICC	FC	IP			Form:	ProA affinit Liquid P62736	y purifie	ed IgG	
in variou	<b>I:</b> re highly conserve is types of cell mo rd in all eukaryoti	otility and			250 150 100 75 50 37 25	•	2	3	4	5	6	7	
<ul> <li>Immunogen:         <ul> <li>A synthetic peptide corresponding to residues on the C-terminus of human alpha smooth actin was used as an immunogen.</li> </ul> </li> <li>Storage Buffer:         <ul> <li>PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.</li> </ul> </li> <li>Storage conditions:         <ul> <li>-20°C.</li> </ul> </li> <li>Storage instructions:</li> </ul>					1:2,000 dilution Lane 1: Hela Lane 2: JurKat Lane 3: HEK293 Lane 4: HaCat Lane 5: PC-12 Lane 6: MCF-7 Lane 7: 3T3			a smooth muscle actin antibody at Predicted MW: 42 kDa Observed MW: 42 kDa Lysate at 10 μg per lane 2nd Ab: G&R HRP(H+L) 1:10,000 Exposure: 90s					
at -20°C. Recommen WB: IHC-P: IF/ICC: FC: IP:	on blue ice. Upo Avoid freeze / th ded Dilutions: 1:2,000 - 1:5,000 1:1,000 - 1:2,000 1:200 - 1:1,000 1:10	naw cycles	•	and store	250 150 100 75 50	1	2	3	4	All lanes: , muscle ac 1:5,000 di Predicted Observed Lane 1: M Lane 2: M	tin antibo lution MW: 42 H MW: 42 H u Kidney	ody at «Da	
1. Chen X .,	on MS ., Nat Com		575 (2017	7).	37 <b>-</b> 25 <b>-</b>	Copyrigh	t(c) 2017	BioLynx	-	Lane 3: Ra Lane 4: Ra Lysate at 2 2nd Ab: G&R HRP( Exposure:	t Brain t Heart LO μg per H+L) 1:10		



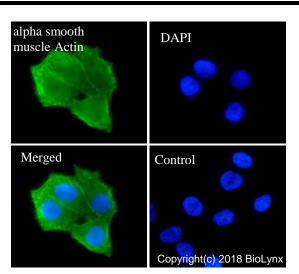
2018/12/5 Rev.:



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human uterus tissue labelling alpha smooth muscle actin with RR608 at 1:1,000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

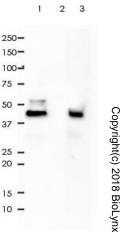


Overlay histogram showing Hela cells stained with RR608 (Red). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were then incubated in the antibody (RR608, 1:1,000 dilution) in 1x PBS/1% BSA for 30 min at room temperature. The secondary antibody used was a Goat Anti-Rabbit Alexa Fluor® 488 (IgG H+L) at 1:2,000 dilution for 20 min at room temperature. Unlabelled sample (Blue) was used as a control.



RR608 staining alpha smooth muscle actin in Hela cells by IF/ICC (immunofluorescence/immunocytochemistry). Cells were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100 and blocked with 10% goat serum for half an hour at room temperature. Samples were incubated with primary antibody (1:2,000) at 4°C. An Alexa Fluor® 488conjugated Goat Anti-Rabbit IgG polyclonal was used as the secondary antibody (1:500). DAPI (blue) was used as the nuclear counter stain.

Control: PBS and secondary antibody, An Alexa Fluor® 488conjugated Goat Anti-Rabbit IgG (1:500).



Alpha smooth muscle actin was immunoprecipitated from 0.4mg of Hela whole cell lysate with RR608 at 1:10 dilution. 2nd Ab:

GAR HRP for IP 1:500

Lane 1: RR608 IP in Hela whole cell lysate Lane 2: PBS instead of RR608 in Hela whole cell lysate Lane 3: Hela whole cell lysate, 10 µg (input)

Exposure: 70s

m Product QC'd by:

For research use only. Not for use in diagnostic or therapeutic applications.