SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-PAK1&PAK2&PAK3 (p-S144/S141/S139) Monoclonal Antibody

Catalog Number: SLA2798M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	9G6
GeneID:	5058
SWISS:	Q13153
Target:	PAK1&PAK2&PAK3 (p-S144/S141/S139)
Immunogen:	A synthesized peptide derived from human PAK1 around the phosphorylation site of S144
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-5000) IHC-P (1:100-200) IHC-F (1:100-200) IF (1:100-200) Flow-Cyt (1:50-100) ICC/IF (1:50-200) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	58-62 kDa
Background:	Serine/threonine protein kinase that plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, or cell cycle regulation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

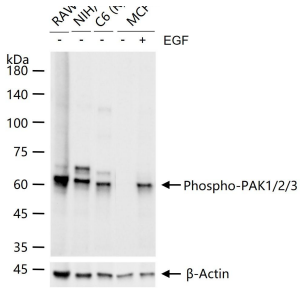


Figure 1. MCF-7 (H) cells were treated with or without EGF (1μg/ml) for 10 min, 25 μg total protein per lane of cell lysates (see on figure) probed with Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) monoclonal antibody, unconjugated (SLA2798M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

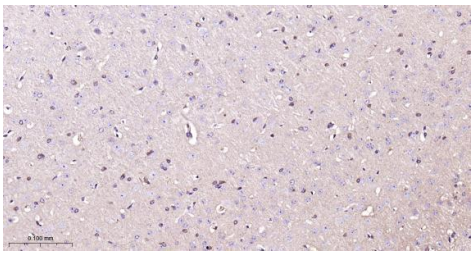


Figure 2. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) Monoclonal Antibody, Unconjugated(SLA2798M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

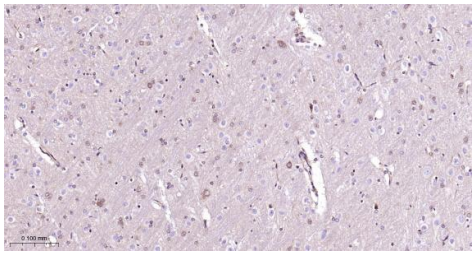


Figure 3. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) Monoclonal Antibody, Unconjugated(SLA2798M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

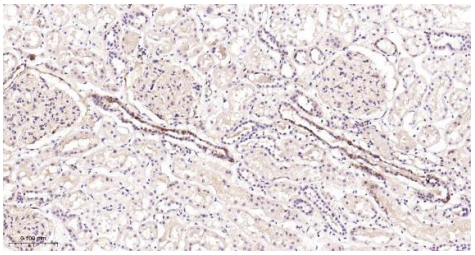


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) Monoclonal Antibody, Unconjugated(SLA2798M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

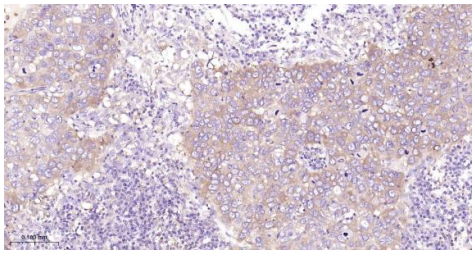


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) Monoclonal Antibody, Unconjugated(SLA2798M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining. FOR RESEARCH USE ONLY. Not for use in diagnostic or therapeutic procedures.

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