

Anti-Phospho-PAK1/2/3 (Ser144/Ser141/Ser154) Antibody (1J605)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 58-62 kDa. Actual: 60-67 kDa.
Clone:	1J605
Purification:	Protein A purified

Applications

Verified Activity:	1. 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 (TMAB-11103) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	2. 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 (TMAB-11103) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	3. 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 (TMAB-11103) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	4. 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 (TMAB-11103) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	5. MCF-7 (H) cells were treated with or without EGF (1 µg/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 (TMAB-11103) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF,IP,FCM
Recommended	WB: 1:500-5000; IHC-P: 1:100-200; IHC-Fr: 1:100-200; ICC/IF: 1:50-200; IF: 1:100-200; IP: 1:20-50; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
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A DRUG SCREENING EXPERT

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human PAK1 around the phosphorylation site of S144

Antigen Species: Human

Gene ID: 5058

Uniprot ID: Q13153

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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