

# PAK1 Recombinant Rabbit Monoclonal Antibody (JE57-36)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	JE57-36
Conjugate	Unconjugated
Immunogen	Synthetic peptide within human PAK1 aa 1-50
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2911654

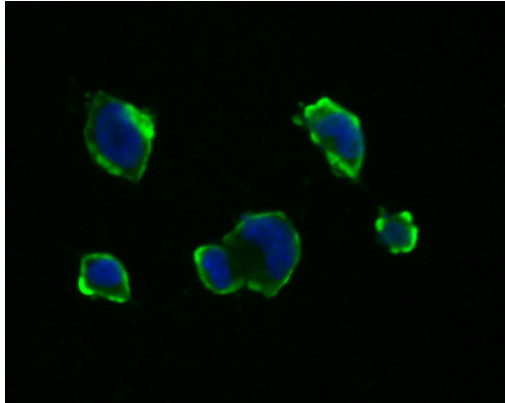
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:100	-
Flow Cytometry (Flow)	1:50-1:100	-

## Product Specific Information

Positive Control: HL-60 cell lysates, F9, human lung carcinoma tissue, human stomach carcinoma tissue, mouse brain tissue.

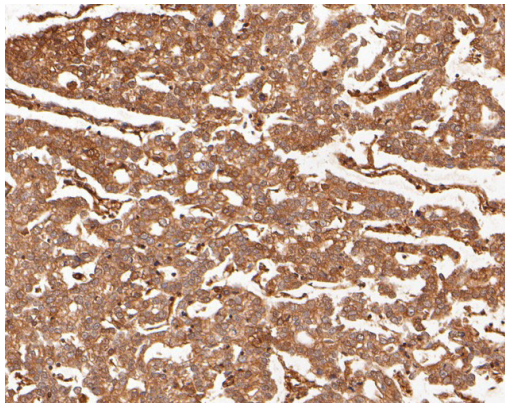
Subcellular Location: Nucleoplasm, Cell membrane, ruffle membrane, Cytoplasm, focal adhesion, invadopodium, Chromosome.

Product Images For PAK1 Recombinant Rabbit Monoclonal Antibody (JE57-36)



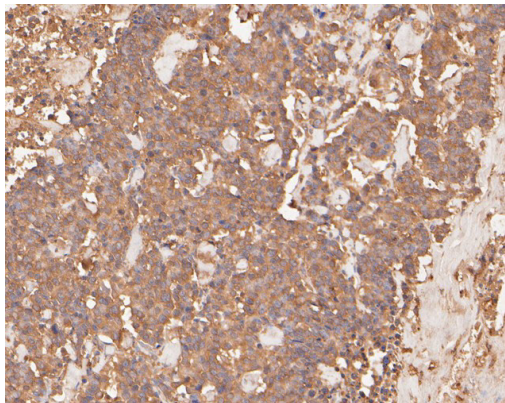
**PAK1 Antibody (MA5-42513) in ICC/IF**

Immunocytochemistry-Immunofluorescence analysis of PAK1 in F9 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with PAK1 Recombinant Monoclonal Antibody (Product # MA5-42513) at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1:1,000 dilution. The nuclear counter stain is DAPI (blue).



**PAK1 Antibody (MA5-42513) in IHC (P)**

Immunohistochemistry (Paraffin) analysis of paraffin-embedded human stomach carcinoma tissue using PAK1 Recombinant Monoclonal Antibody (Product # MA5-42513). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the PAK1 antibody at a dilution of 1:200 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**PAK1 Antibody (MA5-42513) in IHC (P)**

Immunohistochemistry (Paraffin) analysis of paraffin-embedded human lung carcinoma tissue using PAK1 Recombinant Monoclonal Antibody (Product # MA5-42513). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the PAK1 antibody at a dilution of 1:200 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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