

Anti-P-Stat5(Tyr694) Rabbit pAb



WL05088

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-Stat5(Tyr694) Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC, IF	1:100-1:400	
Molecular Wt.	92 kDa		
Cellular localization	Cytoplasm. Nucleus.		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	Stat5 is activated in response to a wide variety of ligands including IL-2, GM-CSF, growth hormone and prolactin. Phosphorylation at Tyr694 is obligatory for Stat5 activation. This phosphorylation is mediated by Src upon erythropoietin stimulation. Stat5 is constitutively active in some leukemic cell types. Phosphorylated Stat5 is found in some endothelial cells treated with IL-3, which suggests its involvement in angiogenesis and cell motility.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-Stat5(Tyr694).
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

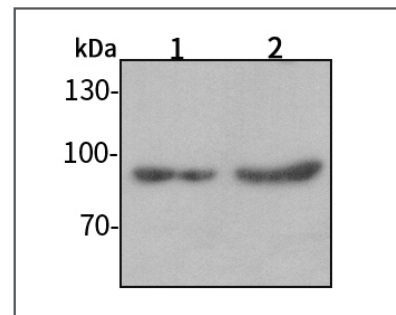
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Product Images



Western blot-Anti-P-Stat5(Tyr694) pAb

Lane 1: Human Hela cell lysate 20μg

Lane 2: Human MCF-7 cell lysate 20μg

Separation gel: 8% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

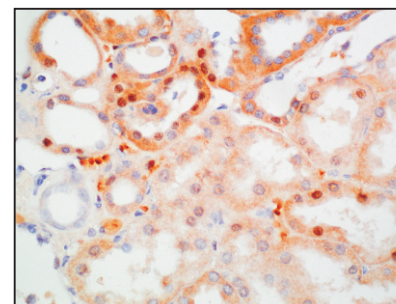
Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:1000 in blocking buffer, 4°C, overnight

Secondary antibody (WLA023a) : 1:5000-1:10000, 45min

Detection: ECL, 30s-2min



Immunohistochemistry-Anti-P-Stat5(Tyr694) pAb

Sample: Human kidney cancer tissue

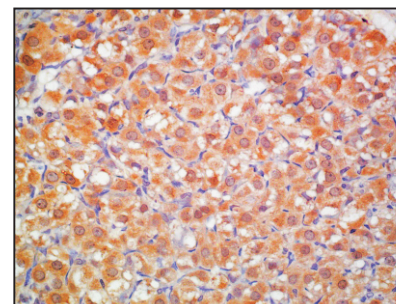
Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Visualization: DAB



Immunohistochemistry-Anti-P-Stat5(Tyr694) pAb

Sample: Rat ovary tissue

Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Visualization: DAB

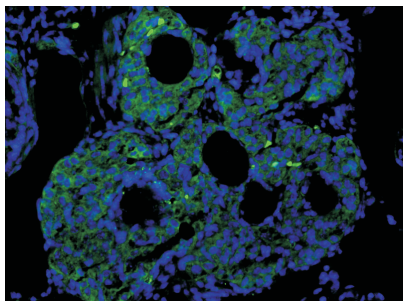
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Product Information



Immunofluorescence-Anti-P-Stat5(Tyr694) pAb

Immunofluorescence analysis of paraffin-embedded mouse ovary using anti-P-Stat5(Tyr694) Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0