

Mouse Monoclonal Antibody to

STAT1 (phospho-Ser 727)

clone 12C5

0176-100/STAT1-12C5

Size (µg) Lot No.:

Order No.:

100 0176S



orders & support: email: info@nanotools.de phone: +49-7641-455 670 +49-7641-455 671

02/160307F

					56	02/1603	07F
Isotype	Species Reactive	vity Applications	Mol. Weight	Ref.Cell Line	Epitope		Immunogen
lgG1	human	WB, ELISA	92 kDa	HepG2	phosphoserir L P M pS P E		phosphopeptide conjugated to KLH
Backgrou	nd and Specificity	<u>/:</u>				Related Pro	oducts
transcriptic cytokine si Phosphory STAT dime carget gene STAT1 is a regulates t Mab STAT not crossre	on. STATs are med gnal, STAT protein dated STAT protein ers bind to specific es. activated by phosph ranscription and ap T1-12C5 specifically eact with the non-ph sphorylated protein	both cytoplasmic <u>signa</u> iators involved in cyto s are phosphorylated s dimerize via their Si DNA elements resultin norylation at serine 72 poptosis. STAT1 can b v recognizes STAT1 p nosphorylated form of is. Mab STAT1-12C5	kine signalling. on conserved ty H2 domains and ng in transcriptio 7. The phospho pind to DNA as h hosphorylated a STAT1 nor with	In response to a s vrosine residues. I move to the nucl onal regulation of o rylation state of S neterodimer with S at Ser 727. The an	pecific eus. The downstream er 727 STAT3. tibody does	#0036-100/STAT3 mab to STAT #0145-100/STAT3 mab to STAT 695/699) #0121-100/STAT5 mab to STAT #0079-100/STAT6	3 (phospho-Ser 727) -23G5 5 A/B (phospho-Tyr -5G4 6 (phosph-Tyr 641) -16E12 6 (aa 630-650)
Purification:		The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.					
Formulation:		liquid; 0.1mg/ml in in PBS/0.09% Na-Azide/PEG and Sucrose/50% Glycerol					
Reconstit	ution:						
Stability:		Aliquote and store at -20°C up to 1 year.					
		Avoid repeated freeze / thaw cycles.					
Positive C	control:	#0813: Cell lysate from EGF-treated HepG2 cells					1 2 3
Immunobl	-	0.5 µg/ml for HRPO/E Recommended bloc blocking and blot incu #3031-500/CPPT or #	king buffer: Ca	.g. nanoTools pro		200 — 116 — 66 — 45 — 31 —	
Immunoprecipitation:		ND				Phosphospecifici	ty
Immunocytochemistry: ELISA:		ND				Whole cell extracts of control (1), EGF stimulated (2) of pervanadate treated (3) A549 tumor cells were applied	
		use at 0.05 μg/ml				SDS-PAGE (ca 20 PVDF membrane.	.000 cells per lane) and transferred The immunoblot was probed with n μ g/ ml) for 1h at RT and developed
	All produc	cts are supplied for i	research and ir	vestigational		LOL (exp. unle: 30	5001.

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.

