Store at -20C

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#3

IFN-α (6B18) Mouse mAb		Cell Signaling	
	Orders:	877-616-CELL (2355) orders@cellsignal.com	
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	Web:	info@cellsignal.com cellsignal.com	
	3 Trask Lane Danvers M	assachusetts 01923 USA	

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: I W	Reactivity: H	Sensitivity: Recombinant protein	MW (kDa): 19	Source/Isotype: Mouse IgG1	UniProt ID: #P01562	Entrez-Gene Id 3439		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity/Sensitivity		IFN-α (6B18) Mouse mAb detects recombinant human interferon-α protein. This antibody does not cross-react with human interferon- β and -γ.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with purified natural human interferon- $lpha$ proteins.						
Background		limiting the spread of and immunoregulatio from lymphoblastic tis human cancers and d binds to a common ce binding to discrete ce phosphorylation, whic production of DAG wit activation of calcium-i	infection. They also in (1). There are thr ssue and has a num iseases of viral orig ell surface receptor Il surface receptors ch initiates the Jak/9 thout an increased ndependent isofor	d systematically early aff o affect cell differentiatic ee naturally occurring in ober of therapeutic appli in. Recombinant IFN- α fi and induces antiviral act on target cells, IFN- α in Stat signaling pathway (2 intracellular free calcium ms of PKC (β and ϵ) (3). A h mediate their pleiotro	n, growth, surface terferons: α, $β$, and cations in the treat rom both natural artivity in a variety of duces rapid change 2). IFN-α signaling an concentration and slI IFN-α signaling p	antigen expression γ. IFN-α is derived ment of various nd synthetic genes cell lines. When es in Jak/Stat Iso involves I the subsequent athways lead to		
Background Refer	ences	1. Stiehm, E.R. et al. (1982) <i>Ann Intern Med</i> 96, 80-93. 2. Pellegrini, S. et al. (1989) <i>Mol Cell Biol</i> 9, 4605-12. 3. Pfeffer, L.M. and Colamonici, O.R. (1991) <i>Pharmacol Ther</i> 52, 149-57.						
Species Reactivity		Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot Buffe	er	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key		W: Western Blotting						
Cross-Reactivity K	ey	H: Human						
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